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FOREWORD

The U.S. Environmental Protection Agency, under a series of documents exchanges with foreign governments and international organizations, is collecting environmental reports from around the world. This publication, a monthly announcement of documents received by EPA under the exchanges, is distributed to EPA staff and is available to others through the National Technical Information Service (NTIS). See inside cover for subscription rates.

Index System

In each issue the document summaries are grouped by subject, by category of document, and by country. Subject areas, which reflect EPA programs, include:

air	pesticides
water	toxic substances
noise	radiation
solid wastes	land use

Categories of documents are:

1. general
2. legal/legislative/regulatory (LR)
3. planning/management/organization (PM)
4. scientific/technical (ST)
5. socio/economic (SE)

Summaries covering more than one subject are cross-referenced in the Table of Contents. Abstracts appear only once, however, under the primary subject heading marked by an asterisk. For example a British report on "Disposal of Awkward Household Wastes" is indexed under pesticides, solid wastes, water, and toxic substances. The summary appears only once, under solid wastes, but the report title is listed with the EPA ID number under each of the other headings.

Explanation of the codes and abbreviations used with each summary is on page ii.

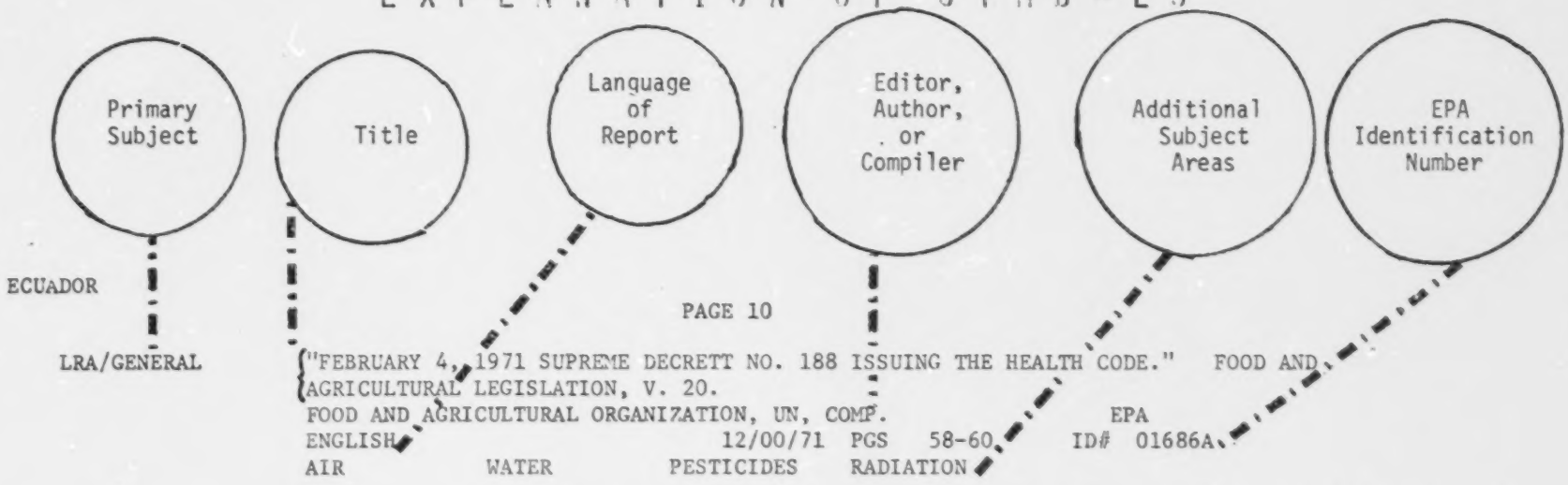
Translations

EPA staff may request more extensive abstracts or full text translations. EPA Form 1350-1, Translations Services Requisition, is used to order translations through the Library Systems Branch. Translation services, which are available only to EPA staff are expensive and should be requested only when essential. Payment is made by the requesting office.

Source Documents

EPA staff may request the original documents, located in the EPA Headquarters Library in Washington, by using the order form in the back. The documents are not loaned outside the Agency. Others may use the collection at Headquarters for reference purposes.

EXPLANATION OF SYMBOLS


Primary Subject
Title
Language of Report
Editor, Author, or Compiler
Additional Subject Areas
EPA Identification Number
ECUADOR
LRA/GENERAL
PAGE 10
"FEBRUARY 4, 1971 SUPREME DECRETT NO. 188 ISSUING THE HEALTH CODE." FOOD AND AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP.
ENGLISH 12/00/71 PGS 58-60 ID# 01686A
AIR WATER PESTICIDES RADIATION

THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION.

LRA - LEGAL TEXT

LRB - LEGAL COMMENTARY

Each original law has the letter A following the EPA identification number. Additional directly related legislation will have the same identification number and a subsequent alphabetical letter.

1b

TABLE OF CONTENTS

Page

AIR

Canada

Canada's Air Pollution Control Program 1
National Inventory of Sources and Emissions of Vanadium (1972) . 1
An Annotated Bibliography of Canadian Air Pollution Literature . 2
An Introduction to Electrostatic Precipitation 2
See WATER (Canada) -- Control No. 03420A 29

France

Andre Jarrot Proposes Day Without Cars 2
See WATER (France) -- Control No. 03459A 33
See GENERAL (France) -- Control No. 03439A 7

Germany, Fed Rep of

Dec. 18, 1975 Seventh Ordinance for Implementation of the Federal Immissions Law (Ordinance to Limit Emissions of Wood Dust) 3
Clean Air for Tomorrow. Utopia or Reality? 3
Bases of Air Quality and Noise Abatement in North Rhine Westphalia 4
See WATER (Fed Rep of Germany) -- Control No. 03419A 36

Israel

See LAND USE (Israel) -- Control No. 03436A 12
See LAND USE (Israel) -- Control No. 03443A 13

Japan

Environmental Research in Japan, 1973 5

OECD

See WATER (OECD) -- Control No. 03411A 39

Sweden

December 1, 1972 Ordinance on Vehicle Exhaust Emissions 5

Switzerland

Environmental Protection in Road Traffic as Major Topic of Discussion 6
See GENERAL (Switzerland) -- Control No. 03482A 14
See NOISE (Switzerland) -- Control No. 03465A 18

1c

GENERAL

Austria

Austria's Environmental Laws Being Collected. When Will There Be Uniformity? 6

France

Mr. Paul Granet Announces Creation of a Central Environmental Work Group 7

Production Without Pollution 7

65 Million To Fight Noise and Air Pollution 7

German Dem Rep

Nov. 27, 1975 Seventh Implementing Regulation...Standardization of Demands To Guarantee Socialist Environmental Quality and Protection 8

Dec. 5, 1975 Law on the Economic Plan 1976 8

October 23, 1975 Statute of the Ministry for Environmental Protection and Water Management. Resolution of the Council of Ministers 9

Germany, Fed Rep of

Test of the Environmental Compatibility of Public and Private Measures 9

Israel

Environmental Protection Service. Activity Report as of January 1, 1975 9

Sweden

June 28, 1974 Ordinance No. 606 on Amendment to the Instruction (1967:444) for the National Environment Protection Board 10

Switzerland

Swiss Environmental Protection Law 10

First Transmission of Swiss Information to Brussels After EC-Swiss Agreement on the Environment 10

Information Exchange on Environmental Protection: EC-Switzerland 11

Oppose Nuclear Power Stations and Sequential Authorizations . . 11

USSR

Effect of Environmental Conditions on the Seasonal Activity of Multivoltine Parasites of Neodiprion Sertifer 11

LAND USE

Austria

First Regional Planning Report. Publication No. 8 12

Brazil

See WATER (Brazil) -- Control No. 03467A 28

El Salvador

See WATER (El Salvador) -- Control No. 03455A 32

Israel

Reading D: Planning and Building or Building and Then Planning. 12

Satellite Near Nes Harim/Har Yalla: An Environmental Planning Appraisal 13

Norway

Act of June 19, 1970, No. 63 Concerning Nature Conservancy . . . 13

Switzerland

The Land Use Planning Law as an Instrument of 'Partnership Federalism' 13

Land Use Planning Indispensable Despite Recession 14

See GENERAL (Switzerland) -- Control No. 03482A 10

NOISE

France

See GENERAL (France) -- Control No. 03439A 7

Germany, Fed Rep of

April 5, 1974 Ordinance on Structural Noise Reduction Requirements Pursuant to the Law on Protection Against Aircraft Noise (Noise Reduction Ordinance) 14

1974 Ordinances Establishing Noise Protection Areas for Commercial Airports in the Federal Republic of Germany . . . 15

1974 Ordinances Establishing Noise Protection Areas for Military Airfields in the Federal Republic of Germany 15

1975 Ordinances Establishing Noise Protection Areas for Commercial Airports in the Federal Republic of Germany . . . 15

1975 Ordinances Establishing Noise Protection Areas for Military Airfields in the Federal Republic of Germany 16

See WATER (Fed Rep of Germany) -- Control No. 03419A 36

See AIR (Fed Rep of Germany) -- Control No. 03449A 4

Israel

Noise Pollution in Israel. Report of the Committee on Research in Noise Pollution 17

See LAND USE (Israel) -- Control No. 03436A 12

See LAND USE (Israel) -- Control No. 03443A 13

Japan

See AIR (Japan) -- Control No. 03445A 5

Mexico

January 2, 1976 Regulation for the Prevention and Control of Environmental Pollution by Noise Emissions 17

OECD

Listening to Neighboring Residents 18

Switzerland

Environmental Pollution and Air Traffic 18

See GENERAL (Switzerland) -- Control No. 03482A 10

See AIR (Switzerland) -- Control No. 03431A 6

USSR

Noise Abatement 19

PESTICIDES

Germany, Fed Rep of

May 31, 1974 Ordinance to Reissue the Ordinance Concerning Prohibitions and Limitations of Use for Plant Protection Products 19

October 2, 1975 Promulgation of the New Version of the Plant Protection Law 19

International

Colombia and Venezuela Agree on Measures To Prevent the Sale of Prohibited Pesticides 20

Japan

See AIR (Japan) -- Control No. 03445A 5

RADIATION

European Communities

How Europe Protects Us Against Radiation 20

Germany, Fed Rep of
July 15, 1975 Third Law To Amend the Atomic Energy Law 21
Central Location for Radioactive Wastes 21
OECD
The Storage of Radioactive Wastes 21

SOLID WASTE

France
Factory Waste Bins 22
See GENERAL (France) -- Control No. 03439A 7
Germany, Fed Rep of
July 29, 1974 Ordinance on the Recording of Wastes (Waste Recording Ordinance) 22
July 29, 1974 Ordinance on the Collection and Transport of Wastes (Waste Transport Ordinance) 23
July 29, 1974 Ordinance on the Import of Wastes (Waste Import Ordinance) 23
Placed in Discussion - Implementation Deficit on the Part of the Authorities 24
See WATER (Fed Rep of Germany) -- Control No. 03419A 36
Japan
See AIR (Japan) -- Control No. 03445A 5
OECD
See WATER (OECD) -- Control No. 03411A 39
Sweden
December 13, 1974 Royal Ordinance on Sanitation 24
Switzerland
A Concept for Multi-Component Dumps 25
Environmental Paper of the Second Generation 25

TOXIC SUBS

Belgium
Dumping of Toxic Substances: 1974 Emergency Law Remains Unimplemented 25
Crown Decree Finally Regulates Toxic Wastes 26
Canada
Non-Polluting Use Found for Waste Lubricating Oil 26

France

See SOLID WASTE (France) -- Control No. 03428A 22

International

See PESTICIDES (International) -- Control No. 03430A 20

Japan

See AIR (Japan) -- Control No. 03445A 5

WATER

Belgium

April 28, 1975 Ministerial Decree on the Designation of Agents to Perform Sampling Operations and Determine Infractions of the 1971 Law 27

Bermuda

The Oil Pollution Act 1973 27

Brazil

January 15, 1976 Regulations on Water Classification 28

Sobradinho Hydroelectric Project Environmental Impact Reconnaissance 28

Bulgaria

January 20, 1976 Directive No. 68 on the Degree of Pollution of Surface Waters 29

Canada

The Canada Water Act. Annual Report 1974-75 29

Pollution Research Program Extended Second Five Years 29

The BOD_5 and Toxicity of Effluents From Sulphite Pulping for Newsprint 30

Ecological Studies of Aquatic Organisms in the Mackenzie and Porcupine River Drainages in Relation to Sedimentation . 30

The Effects of Crude Oil on the Colonization of Artificial Substrates by Zoobenthos Organisms 31

Czechoslovakia

June 16, 1972 Order No. 35 on the Protection of Waters Against Pollution by Oil 31

Denmark

Fishermen Get Equipment Destroyed by Waste From Oil Platforms . 31

El Salvador

Cerron Grande Hydroelectric Project Environmental Impact Reconnaissance 32

Finland

Water Protection Now Country-Wide 32

France

Industrial Pollution Control and Branch Contracts 32
The Water Battle 33
Fifteen Days of Prison for Polluting Industrialist 33
Environment: Three Urgent Bills 33
Sea Pollution Control -- Its National and International Aspects. 34
River Water and Drinking Water 34
Andre Jarrot: "Let's Save the Seine" 34
Ten Years To Make Oise Clean River 34
Associations Will Be Consulted on Problems of Water 35
Rhone-Mediterranean-Corsica Basin Agency Grants 10.29 Million Francs in Aid for Purification Projects 35
See GENERAL (France) -- Control No. 03439A 7

German Dem Rep

See GENERAL (German Dem Rep) -- Control No. 03456A 8
See GENERAL (German Dem Rep) -- Control No. 03457A 9

Germany, Fed Rep of

Environmental Protection in the Potash Industry - Past, Present, and Future 36
The Isar Will Support No New Power Plants 37

India

March 23, 1974 Water (Prevention and Control of Pollution) Act, No. 6 37

International

Convention for the Prevention of Marine Pollution by Dumping From Ships and Aircraft 38
See PESTICIDES (International) -- Control No. 03430A 20

Japan

Method of Treating Wastewater Containing Heavy Metals 38
See AIR (Japan) -- Control No. 03445A 5

Mexico

Fines Against Two Enterprises for Violation of the Federal Water Law 39

OECD

Environmental Pollution by the Pulp and Paper Industry 39

Portugal

Spill in Portugal: A Report of the Jakob Maersk Incident . . . 39

Switzerland

April 20, 1972 Agreement Between Switzerland and Italy on the Protection of Swiss-Italian Waters Against Pollution . . 40

See GENERAL (Switzerland) -- Control No. 03482A 10

See SOLID WASTE (Switzerland) -- Control No. 03406A 25

CANADA

CANADA'S AIR POLLUTION CONTROL PROGRAM
CANADA, ENVIRONMENT CANADA
PM(B) ENGLISH 09/00/75 PGS 1-46 EPA ID# 03418A
ALSO PMA AND LRB

THE CANADIAN FEDERAL GOVERNMENT'S APPROACH TO THE CONTROL OF AIR POLLUTION AND THE POLICIES AND OBJECTIVES OF THE CANADIAN CLEAN AIR ACT ARE EXPLAINED IN THIS REPORT. PROVISIONS OF THE CLEAN AIR ACT IMPLEMENTED AND PROMOTED BY THE FEDERAL GOVERNMENT INCLUDE: FEDERAL-PROVINICAL COOPERATION IN AIR POLLUTION CONTROL, THE DESIGNATION OF NATIONAL AIR QUALITY OBJECTIVES, THE ESTABLISHMENT OF A NATIONAL AIR POLLUTION SURVEILLANCE NETWORK, PROMULGATION OF NATIONAL EMISSION GUIDELINES AND STANDARDS, COMPILATION OF HARMFUL POLLUTANTS INVENTORIES, DEVELOPMENT OF ADEQUATE POLLUTION CONTROL TECHNOLOGIES, ENSURING THE ENVIRONMENTAL SAFETY OF FEDERAL WORKS PROJECTS, AND INDIRECT CONTROL OF MOBILE AIR POLLUTION SOURCES THROUGH REGULATION OF FUEL AND FUEL ADDITIVE STANDARDS. THE REPORT IS SUBSTANTIALLY SUPPLEMENTED BY APPENDIXES CONTAINING SELECTED SPEECHES AND NEWS RELEASES WHICH EXPLAIN THE ROLE OF ENVIRONMENT CANADA, THE FEDERAL AND PROVINCIAL ROLES AND THE DEVELOPMENT AND PROMULGATION OF AIR QUALITY AND EMISSION STANDARDS AND OBJECTIVES.

CANADA

"POLLUTION RESEARCH PROGRAM EXTENDED SECOND FIVE YEARS." ENVIRONMENT CANADA NEWS RELEASE, NO. 123
CANADA. ENVIRONMENT CANADA
PM(B) ENGLISH 04/13/76 PGS 1-3 EPA ID# 03420A
*WATER

CANADA

NATIONAL INVENTORY OF SOURCES AND EMISSIONS OF VANADIUM (1972). INTERNAL REPORT APCD 75-3
CANADA. ENVIRONMENT CANADA
PM(B) ENGLISH 09/00/75 PGS 1-34 EPA ID# 03422A

ATMOSPHERIC EMISSIONS OF VANADIUM FROM VARIOUS SECTORS OF THE CANADIAN ECONOMY HAVE BEEN ESTIMATED FOR THE YEAR 1972. THE DATA PRESENTED IN THIS REPORT ARE SUMMARIZED BY PROVINCE AND SECTOR IN TABLE 1. TOTAL VANADIUM EMISSIONS TO THE ATMOSPHERE IN 1972 ARE ESTIMATED AT 2065 TONS, OF WHICH 97.2 PERCENT WAS EMITTED THROUGH THE USE OF PETROLEUM PRODUCTS. HEAVY FUEL OIL COMBUSTION IS THE LARGEST SINGLE SOURCE OF VANADIUM EMISSIONS, ACCOUNTING FOR 94.1 PERCENT OF THE TOTAL. ON A GEOGRAPHIC BASIC, EASTERN CANADA ACCOUNTS FOR OVER 90 PERCENT OF THE TOTAL VANADIUM EMISSIONS, WITH 64 PERCENT COMING FROM THE PROVINCE OF QUEBEC. THIS SITUATION RESULTS PRIMARILY FROM THE COMBUSTION OF SIGNIFICANT QUANTITIES OF HIGH-VANADIUM-CONTENT VENEZUELAN HEAVY OIL. ALTHOUGH MOST EMISSIONS HAVE BEEN ESTIMATED USING AVAILABLE CANADIAN DATA, IT WAS SOMETIMES NECESSARY TO RELY ON INFORMATION FROM THE UNITED STATES.

CANADA

AN ANNOTATED BIBLIOGRAPHY OF CANADIAN AIR POLLUTION LITERATURE.
ECONOMIC AND TECHNICAL REVIEW REPORT EPS-3-AP-75-2
PM(B) SPARROW, CHRISTOPHER J.,AND LESLIE T. FOSTER, COMP. EPA
ENGLISH 04/00/75 PGS 1-270 ID# 03444A

PUBLISHED IN THE SERIES OF ECONOMIC AND TECHNICAL REVIEW REPORTS BY THE AIR POLLUTION CONTROL DIRECTORATE OF ENVIRONMENT CANADA, THIS BIBLIOGRAPHY CONTAINS A TOTAL OF 1012 ANNOTATED REFERENCES TO LITERATURE DEALING WITH AIR POLLUTION IN CANADA. ANTECEDENTS CONCERNING THE PREPARATION OF SOURCE MATERIALS FOR THIS BIBLIOGRAPHY ARE EXPLAINED IN THE INTRODUCTION, AND THE ANNOTATIONS THEMSELVES, CONTAINED IN THE BODY OF THE WORK, ARE ARRANGED ALPHABETICALLY BY AUTHOR UNDER THE FOLLOWING CHAPTERS: COMPREHENSIVE AND GENERAL ASPECTS; DATA; CAUSES; EFFECTS; ADJUSTMENT AND CONTROL; SOCIAL ASPECTS; AND RESEARCH. AT THE END OF EACH SECTION OF ANNOTATIONS, CROSS-REFERENCE IS MADE TO OTHER ANNOTATIONS OF RELEVANCE TO THAT CATEGORY. AUTHOR, SUBJECT AND GEOGRAPHICAL INDEXES ARE ALSO INCLUDED IN THE BIBLIOGRAPHY.

CANADA

AN INTRODUCTION TO ELECTROSTATIC PRECIPITATION. INTERNAL
REPORT APCD 75-2
ST( ) DIBBS, H.P.
ENGLISH 05/00/75 PGS 1-33 EPA ID# 03463A

THE CONTROL OF PARTICULATE EMISSIONS BY MEANS OF ELECTROSTATIC PRECIPITATORS IS DISCUSSED IN THIS PAMPHLET. A DESCRIPTION IS GIVEN OF THE PRECIPITATION PROCESS, OF AVAILABLE PRECIPITATOR TYPES, AND OF THE FACTORS THAT INFLUENCE COLLECTION EFFICIENCY. DATA ON COLLECTION EFFICIENCY AS A FUNCTION OF PARTICLE SIZE ARE ALSO PRESENTED.

FRANCE

"ENVIRONMENT: THREE URGENT BILLS." LE FIGARO
SCHWEITZER, GENEVIEVE
LR(B) FRENCH 01/15/76 PGS 6 EPA ID# 03459A
ALSO PMB
*WATER

FRANCE

"ANDRE JARROT PROPOSES DAY WITHOUT CARS." LE FIGARO
PM(B) FRENCH 11/14/75 PGS 4 EPA ID# 03474A
ALSO LRB

THIS ARTICLE EXAMINES THE RECENT PROPOSAL BY THE FRENCH MINISTER FOR THE QUALITY OF LIFE WHICH WOULD BAN ALL AUTOMOBILE TRAFFIC FROM THE CAPITAL DURING ONE DAY A WEEK. THIS MEASURE IS VIEWED BY THE MINISTER AS A MEANS OF FULFILLING THE DUAL FUNCTION OF ALLEVIATING AIR POLLUTANTS WHILE SIGNIFICANTLY REDUCING FUEL CONSUMPTION. THE MINISTER'S CONCERN WITH MOTOR VEHICLE POLLUTION HAS ALSO BEEN RESPONSIBLE FOR THE CURRENT INTEREST IN AIR POLLUTION AGENCIES (ROUGHLY PATTERENED ON THE EXISTING WATER BASIN AGENCIES) WHICH ARE TENTATIVLEY SCHEDULED TO ENTER INTO OPERATION WITHIN A TWO-YEAR PERIOD.

AIR

FRANCE "65 MILLION TO FIGHT NOISE AND AIR POLLUTION." LE FIGARO
SCHWEITZER, GENEVIEVE EPA
SE( ) FRENCH 12/11/75 PGS 9 ID# 03439A
*GENERAL WATER SOLID WASTE NOISE

GERMANY,FED REP OF "DEC. 18, 1975 SEVENTH ORDINANCE FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (ORDINANCE TO LIMIT EMISSIONS OF WOOD DUST)." BUNDESGESETZBLATT EPA
LR(A) GERMAN 12/23/75 PGS 3133-3134 ID# 02033P

ISSUED PURSUANT TO THE MARCH 15, 1974 FEDERAL IMMISSIONS LAW, THE ORDINANCE APPLIES TO FACILITIES PROCESSING OR MANUFACTURING WOOD OR WOOD PRODUCTS AND EMITTING WOOD DUST OR SHAVINGS. SUCH FACILITIES ARE TO BE EQUIPPED WITH EXHAUST AIR PURIFICATION SYSTEMS SO THAT THE MASS CONCENTRATION OF DUST AND SHAVINGS IN EXHAUST AIR DOES NOT EXCEED 50 MG PER CUBIC METER EXHAUST AIR AT 0 C AND 1013 MILLIBAR IF THE EXHAUST AIR CONTAINS DUST FROM ABRASIVE ACTION. IF THE EXHAUST AIR CONTAINS OTHER SORTS OF WOOD DUST OR SHAVINGS, THE CONCENTRATION MAY NOT EXCEED VALUES REPRESENTED ON THE GRAPH INCLUDED IN THE ORDINANCE. IN FACILITIES BUILT AFTER JANUARY 1, 1977, THE CONCENTRATION OF DUST AND SHAVINGS MAY NOT EXCEED 20 MG PER CUBIC METER EXHAUST AIR. EXISTING FACILITIES MUST MEET REQUIREMENTS BY JANUARY 1, 1982, WITH PARTIAL COMPLIANCE BY JANUARY 1, 1977. THE ORDINANCE ALSO CONTAINS REGULATIONS ABOUT THE STORAGE AND LOADING OF WOOD DUST AND SHAVINGS.

GERMANY,FED REP OF "ENVIRONMENTAL PROTECTION IN THE POTASH INDUSTRY - PAST, PRESENT, AND FUTURE." ENVIRONMENT CANADA TRANSLATION DOENV TR-910
HENNE, HANS EPA
PM(B) ENGLISH 00/00/75 PGS 1-33 ID# 03419A
ALSO LRB
*WATER NOISE SOLID WASTE

GERMANY,FED REP OF REINE LUFT FUER MORGEN. UTOPIE ODER WIRKLICHKEIT? (CLEAN AIR FOR TOMORROW. UTOPIA OR REALITY?)
NORTH RHINE-WESTPHALIA. MINISTRY OF LABOR, HEALTH... EPA
PM(B) GERMAN 00/00/72 PGS 1-81 ID# 03432A

USING AIR POLLUTION AS AN EXAMPLE, THIS PUBLICATION OF THE MINISTRY OF LABOR, HEALTH AND SOCIAL AFFAIRS OF THE GERMAN FEDERAL STATE OF NORTH RHINE-WESTPHALIA ATTEMPTS TO SHOW THAT THE QUALITY OF LIFE CAN BE IMPROVED WHILE ECONOMIC GROWTH IS MAINTAINED. THE FIRST TWO SECTIONS DISCUSS SOURCES OF THE POLLUTION PROBLEM AND A CONCEPT FOR CLEAN AIR IN NORTH RHINE-WESTPHALIA. THE REMAINING SECTIONS TREAT INDUSTRY, RESIDENTIAL FURNACES, SMALL BUSINESS, AND TRAFFIC AS EMISSION SOURCES. THE CHEMICAL, PETROLEUM AND PETROCHEMICAL, IRON AND STEEL INDUSTRIES, FOUNDRIES, ENERGY PRODUCERS, TIMBER INDUSTRY, COAL EXTRACTION AND PROCESSING, THE EXTRACTION OF NON-FERROUS METALS, AND THE STONE AND EARTH INDUSTRIES ARE DISCUSSED AS SOURCES OF AIR POLLUTION. FOR EACH SOURCE OF POLLUTION DISCUSSED, THE CURRENT SITUATION AND THE PROJECTED TENDENCIES TO 1980 ARE OUTLINED, FOLLOWED BY SUGGESTIONS FOR IMPROVING CONDITIONS BY 1980. CHARTS, GRAPHS, AND PICTURES ILLUSTRATE THE TEXT.

GERMANY,FED REP OF

GRUNDLAGEN DER LUFTREINHALTUNG UND DER LAERMBEKAEMPFUNG IN NORDRHEIN-WESTFALEN (BASES OF AIR QUALITY AND NOISE ABATEMENT IN NORTH RHINE WESTPHALIA)
NORTH RHINE WESTPHALIA. MINISTRY FOR WORK, HEALTH...
PM(8) EPA
GERMAN 04/00/75 PGS 1-106 ID# 03449A
NOISE

THE MINISTRY FOR WORK, HEALTH AND SOCIAL AFFAIRS OF THE FEDERAL GERMAN STATE OF NORTH RHINE WESTPHALIA COMMISSIONED AND PUBLISHED THIS BROCHURE PREPARED BY EXPERTS FROM THE STATE UNIVERSITIES, THE STATE OFFICE FOR IMMISSIONS PROTECTION AND THE MINISTRY. IT CONTAINS FOUR MAJOR SECTIONS, DEALING WITH MEASURES TO COMBAT AIR AND NOISE POLLUTION IN THE STATE, AS FOLLOWS: 1) IMMISSIONS PROTECTION LEGISLATION, 2) AIR QUALITY, 3) NOISE ABATEMENT, AND 4) QUESTIONS OF PLANNING. WITHIN THE SECTIONS, THE INDIVIDUALLY AUTHORED CHAPTERS ARE ENTITLED: THE NEW LEGAL IMMISSIONS PROTECTION PROVISIONS; STRATEGY FOR AIR QUALITY IN NORTH RHINE WESTPHALIA; EFFECTS OF AIR POLLUTION ON HUMAN BEINGS; EFFECTS OF AIR POLLUTION ON VEGETATION; EFFECTS OF AIR POLLUTION ON PROPERTY; AIR QUALITY MONITORING IN NRW; TECHNICAL MEASURES FOR AIR QUALITY; STRATEGY OF NOISE ABATEMENT; EFFECT OF NOISE ON HUMAN BEINGS; NOISE MEASUREMENTS AS AN AID IN NOISE ABATEMENT; TECHNICAL MEASURES FOR NOISE ABATEMENT; AND IMMISSIONS PROTECTION AND PLANNING.

ISRAEL

"READING 3: PLANNING AND BUILDING OR BUILDING AND THEN PLANNING." ISRAEL LAW REVIEW, VOL. 8, NO. 4
LASTER, RICHARD E.
LR(8) EPA
ENGLISH 10/00/73 PGS 481-505 ID# 03436A
ALSO PMA, PMB AND SE
*LAND USE NOISE

ISRAEL

"SATELLITE NEAR NES HARIM/HAR YALLA: AN ENVIRONMENTAL PLANNING APPRAISAL." SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
BRACKYA, VALERIE, AND DALIA KADURY LICHFIELD
PM(8) EPA
ENGLISH 00/00/75 PGS 1-14 ID# 03443A
ALSO SE
*LAND USE NOISE

JAPAN
ENVIRONMENTAL RESEARCH IN JAPAN, 1973
JAPAN. ENVIRONMENT AGENCY, COMP.
EPA
ST( ) JAPANESE* 00/00/74 PGS 1-776 ID# 03445A
ALSO PMB/*ENGLISH SUMMARIES
WATER TOXIC SUBS NOISE SOLID WASTE PESTICIDES

THIS PUBLICATION, COMPILED BY THE JAPAN ENVIRONMENT AGENCY, CONTAINS REPORTS ON 84 ENVIRONMENTAL RESEARCH PROJECTS, MOSTLY OF A TECHNICAL NATURE, CARRIED OUT BY THE AGENCY AND VARIOUS OTHER ENVIRONMENTAL ORGAIIZATIONS IN JAPAN DURING 1973. AMPLY ILLUSTRATED BY TABLES, CHARTS AND GRAPHS, THE REPORTS DEAL WITH THE PRESENCE OF TOXIC RESIDUES IN MAN, PLANTS AND ANIMALS, POLLUTION MONITORING METHODS, POLLUTION CONTROL MODELS, ENVIRONMENTAL MANAGEMENT SYSTEMS, CONTROL OF MOBILE AND STATIONARY SOURCE EMISSIONS, WASTE DISPOSAL AND TREATMENT, ENVIRONMENTAL SANITATION, NOISE CONTROL, AND THE CORRECTION AND CONTROL OF VARIOUS TYPES OF ENVIRONMENTAL POLLUTION.

OECD
"ENVIRONMENTAL POLLUTION BY THE PULP AND PAPER INDUSTRY." ENVIRONMENT CANADA TRANSLATION ODENV-914
PLOETZ, TH.
EPA
PM(B) ENGLISH 00/00/75 PGS 1-20 ID# 03411A
ALSO SE
*WATER SOLID WASTE

SWEDEN
"DECEMBER 1, 1972 ORDINANCE ON VEHICLE EXHAUST EMISSIONS." SVENSK FORFATTNINGSSAMLING 1972:596
EPA
LR(A) SWEDISH 12/01/72 PGS 1-5 ID# 03447A

THIS ORDINANCE, AMENDED ON MARCH 23, 1973, CONTAINS REGULATIONS PERTAINING TO CARS WITH INTERNAL COMBUSTION ENGINES. CLOSED CRANKCASE VENTILATION AS WELL AS A DEVICE TO REDUCE POLLUTANTS IN THE EXHAUST SYSTEM ARE REQUIRED IF A CAR IS GASOLINE-OPERATED. A 1976 CAR CANNOT EXCEED A RATIO OF 24.2 GRAMS CARBON MONOXIDE, 2.1 GRAMS HYDROCARBON, AND 1.9 GRAM NITRIC OXIDE ON A KILOMETER BASIS; THIS CORRESPONDS TO THE U.S. REQUIREMENTS FOR A 1973 LIGHT MOTOR VEHICLE MODEL. IN DIESEL-OPERATED CARS, THE FUEL INJECTION PUMP MUST BE SEALED AND A DEVICE INSTALLED TO PREVENT COLORED OR OPAQUE EXHAUST FUMES FROM DEVELOPING EXCEPT WHEN THE CAR IS STARTED OR GEARS ARE CHANGED. GOVERNMENT OWNED CARS WHICH ARE USED FOR CERTAIN MILITARY PURPOSES, CARS USED WITHIN AN ENCLOSURE, AND CARS WITH A CYLINDER VOLUME OF LESS THAN 0.8 LITER OR A TOTAL WEIGHT EXCEEDING 2.5 TONS ARE EXEMPT FROM THESE RULES OR PART THEREOF. REGULATION VIOLATIONS MAY RESULT IN FINES UP TO 500 SWEDISH KRONOR. DETAILED IMPLEMENTATION INSTRUCTIONS OF THE ORDINANCE ARE INCLUDED.

SWITZERLAND

LR(B)

SCHWEIZERISCHES UMWELTSCHUTZRECHT (SWISS ENVIRONMENTAL PROTECTION LAW)
MUELLER-STAHEL, HANS-ULRICH, ED.
GERMAN 00/00/73 PGS 1-639 LOC LAW SWITZ 7 MUEL 1973
*GENERAL WATER NOISE LAND USE ID# 03482A

SWITZERLAND

PM(B)

"ENVIRONMENTAL PROTECTION IN ROAD TRAFFIC AS MAJOR TOPIC OF DISCUSSION."
NEUE ZUERCHER ZEITUNG
GERMAN 09/30/75 PGS 31 EPA
NOISE ID# 03431A

AFTER DISCUSSION, SWITZERLAND'S PARLIAMENTARY NATIONAL COUNCIL APPROVED THE GOALS, PROPOSED MEASURES, AND IMPLICIT FEDERAL FINANCIAL AND PERSONNEL OBLIGATIONS OF A FEDERAL COUNCIL REPORT ON MOTOR VEHICLE EXHAUST GAS AND NOISE THRESHOLDS. ACCORDING TO THE REPORT DESCRIBED IN THIS ARTICLE, BY 1982 CARBON MONOXIDE AND HYDROCARBONS IN MOTOR VEHICLE EXHAUST GASES MAY NOT EXCEED 20 PERCENT OF 1974 LEVELS AS SPECIFIED BY THE UNITED NATIONS ECONOMIC COUNCIL OF EUROPE (ECE) REGULATIONS. NOISE STANDARDS SET FOR 1977 HAVE ALREADY BEEN ACHIEVED BY 80 PERCENT OF SWISS VEHICLES. NO NEW PRESCRIPTIONS FOR LEAD IN GASOLINE WERE INCLUDED IN THE REPORT, BUT SWITZERLAND, THE FEDERAL REPUBLIC OF GERMANY, AUSTRIA, AND SWEDEN CURRENTLY HAVE THE LOWEST LEGALLY PRESCRIBED GASOLINE CONTENT REGULATIONS IN EUROPE. AS A RESULT OF THE PRELIMINARY DISCUSSION OF THE REPORT, THE FEDERAL COUNCIL WILL BE PETITIONED TO AMEND THE FEDERAL ROAD TRAFFIC LAW TO PERMIT THE RESULTS OF MOTOR VEHICLE TYPE TESTING TO BE MADE PUBLIC.

SWITZERLAND

PM(B)

"ENVIRONMENTAL POLLUTION AND AIR TRAFFIC." NEUE ZUERCHER ZEITUNG
GERMAN 01/14/76 PGS 25 EPA
*NOISE ID# 03465A

GENERAL

AUSTRIA

LR(B)

"AUSTRIA'S ENVIRONMENTAL LAWS BEING COLLECTED. WHEN WILL THERE BE UNIFORMITY?"
DIE PRESSE
GERMAN 02/09/76 PGS 4 EPA
ID# 03468A

ACCORDING TO THIS NEWSPAPER ARTICLE, 95 PERCENT OF AUSTRIAN MUNICIPAL, DISTRICT, PROVINCIAL, AND FEDERAL LAW RELATING TO ENVIRONMENTAL PROTECTION AND LAND PLANNING IS IDENTICAL IN CONTENT AS A RESULT OF THE LEGAL DIVISION OF POWERS AMONG THE VARIOUS JURISDICTIONS. FEDERALLY UNIFORM REGULATION IN SOME OF THESE AREAS, PARTICULARLY IN BUILDING ORDINANCES, LAND USE LAWS, AND REMOVAL OF SPECIAL WASTE, IS DESIRED. IT HAS BEEN SUGGESTED THAT AUSTRIA MIGHT CONSIDER FOLLOWING THE EXAMPLE OF ANOTHER STRONG FEDERAL STATE, SWITZERLAND, WHICH GAVE THE FEDERAL GOVERNMENT FULL JURISDICTION TO LEGISLATE IN THE AREA OF ENVIRONMENT IN 1971. THESE COMMENTS WERE OFFERED IN CONNECTION WITH THE COLLECTION OF PERTINENT AUSTRIAN LEGISLATION IN THE FIELD OF ENVIRONMENT AND LAND USE BY THE INSTITUTE FOR MUNICIPAL RESEARCH IN VIENNA. THE 2500-PAGE COLLECTION BEGUN IN 1973 WILL BE COMPLETED IN 1978 AND THEREAFTER KEPT CURRENT. IT WILL ALSO CONTAIN SOME FOREIGN LEGISLATION FOR COMPARISON AS WELL AS COMMENTARY BY SIX EXPERTS IN VARIOUS FIELDS.

FRANCE

"MR. PAUL GRANET ANNOUNCES CREATION OF A CENTRAL ENVIRONMENTAL WORK GROUP."
LE MONDE
AMBROISE-RENDU, MARC
PM(A) FRENCH 03/04/76 PGS 29 EPA ID# 03427A
ALSO LRB

IN A PRESS CONFERENCE DISCUSSION OF HIS POLICY OBJECTIVES, THE NEWLY APPOINTED FRENCH STATE SECRETARY FOR THE ENVIRONMENT, MR. PAUL GRANET, EMPHASIZED THE CREATION OF A NATIONAL ENVIRONMENTAL WORK GROUP FOR THE REVIEW OF ENVIRONMENTAL IMPACT STUDIES, WHICH ARE TO BECOME MANDATORY UNDER ARTICLE 2 OF THE LAW ON THE PROTECTION OF NATURE. THIS GROUP OF APPROXIMATELY TEN ARCHITECTS, URBANISTS, ENGINEERS AND ECOLOGISTS, WILL REVIEW IMPACT STUDIES FOR ALL PUBLIC PROJECTS WHETHER OR NOT THE NATURE LAW OBTAINS PARLIAMENTARY APPROVAL. SUBJECTS FOR CONSIDERATION WILL INCLUDE A JUSTIFICATION OF THE PROJECT AND POSSIBLE ALTERNATIVES; AN ANALYSIS OF THE ENVIRONMENTAL CONDITIONS; THE ENVIRONMENTAL CONSEQUENCES OF THE PROJECT; AND A FINANCIAL ASSESSMENT OF THE ECOLOGICAL DAMAGE. ALSO MENTIONED BY THE STATE SECRETARY WERE THREE NEW BILLS FOR INTRODUCTION BEFORE THE PARLIAMENT AND THE CREATION OF A NATIONAL AIR AGENCY.

FRANCE

"PRODUCTION WITHOUT POLLUTION." LE FIGARO
SCHWEITZER, GENEVIEVE
PM(B) FRENCH 12/05/75 PGS 12 EPA ID# 03470A

ACCORDING TO THIS ARTICLE, THE FRENCH MINISTER FOR THE QUALITY OF LIFE HAS ADOPTED A NEW APPROACH TO THE PROBLEM OF INDUSTRIAL POLLUTION, STRESSING THE USE OF NON-POLLUTING PRODUCTION TECHNIQUES OVER FORMER POLLUTION ABATEMENT DEVICES DESIGNED FOR POST-PRODUCTION APPLICATION. ENTERED ON A MINISTRY HONOR ROLL AND COMMENDED FOR THEIR ADOPTION OF CLEAN PRODUCTION TECHNOLOGIES WERE SOME TWENTY-ODD FRENCH INDUSTRIAL FIRMS. ALSO DISCUSSED IN THE ARTICLE ARE CERTAIN OF THE PRODUCTION MODIFICATION PROCESSES WHICH HAVE PROVED SUCCESSFUL IN THE PREVENTION OF POLLUTANTS.

FRANCE

"65 MILLION TO FIGHT NOISE AND AIR POLLUTION." LE FIGARO
SCHWEITZER, GENEVIEVE
SE( ) FRENCH 12/11/75 PGS 9 EPA ID# 03439A
AIR WATER SOLID WASTE NOISE

THIS ARTICLE REPORTS THAT 65 MILLION FRENCH FRANCS WERE RECENTLY ALLOTTED FOR ENVIRONMENTAL PROTECTION BY THE INTERMINISTERIAL ACTION COMMITTEE FOR NATURE AND THE ENVIRONMENT AND PROVIDES A SUMMARY OF ANTICIPATED EXPENDITURES IN THE VARIOUS AREAS OF POLLUTION PREVENTION. MEASURES TO BE UNDERTAKEN INCLUDE: THE ESTABLISHMENT OF A MOBILE MEASUREMENT SYSTEM FOR ACOUSTICAL NUISANCES; THE ESTABLISHMENT OF AN AUTOMATIC NETWORK OF AIR POLLUTION MEASUREMENT IN THE CALAIS-DUNKERQUE REGION; THE PURIFICATION OF THE VILAINE RIVER BASIN; THE CREATION OF A NATIONAL WASTE AGENCY; AND THE PREPARATION OF AN INVENTORY OF FOOD PRODUCTS POLLUTANTS.

GERMAN DEM REP "NOV. 27, 1975 SEVENTH IMPLEMENTING REGULATION...STANDARDIZATION OF DEMANDS TO GUARANTEE SOCIALIST ENVIRONMENTAL QUALITY AND PROTECTION." GESETZBLATT...(DDR)

LR(A) GERMAN 12/23/75 PGS 763-764 EPA ID# 03454A

THIS "SEVENTH IMPLEMENTING REGULATION PURSUANT TO THE STANDARDIZATION ORDINANCE" STIPULATES THAT NATIONAL STANDARDS ARE TO BE SET TO INSURE ENVIRONMENTAL QUALITY AND PROTECTION IN THE AREAS OF LANDSCAPE, WATER, AIR, SOLID WASTES, NOISE, AND IONIZING RADIATION. FUNDAMENTAL STANDARDS, EXPRESSED IN THE FORM OF DDR-STANDARDS, ARE TO FORM THE BASIS FOR SPECIFIC STANDARDS AND REGULATIONS. FUNDAMENTAL STANDARDS INCLUDE: 1) DEFINITIONS, 2) THRESHOLDS AND METHODOLOGY, 3) REQUIREMENTS ON VARIOUS PROCEDURES AND PRODUCTS, 4) DEMANDS ON WASTE RECYCLING AND REMOVAL, AND 5) REQUIREMENTS FOR THE STRUCTURE AND USE OF MEANS OF PRODUCTION AND COMMUNICATION AND FOR THE CONSTRUCTION OF BUILDINGS. SPECIFIC DDR AND TECHNICAL STANDARDS ARE TO BE SET FOR ACTIVITIES IN CATEGORIES 4-6. THE MINISTRY FOR ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT IS RESPONSIBLE FOR DEVELOPMENT, MONITORING, AND COORDINATION OF STANDARDS. STANDARDS ARE TO BE HARMONIZED WITH THOSE OF THE SOVIET UNION IN CONFORMANCE WITH COMECON REGULATIONS.

GERMAN DEM REP "DECEMBER 5, 1975 LAW ON THE ECONOMIC PLAN 1976." GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN REPUBLIK

LR(A) GERMAN WATER 12/08/75 PGS 737-745 EPA ID# 03456A

THIS ECONOMIC PLAN, THE FIRST OF THE FIVE-YEAR PERIOD 1976-1980, CONTAINS PARAGRAPHS ON WATER MANAGEMENT AND ENVIRONMENTAL PROTECTION. IT PROJECTS THE CONTINUED STABLE PROVISION OF DRINKING WATER, THROUGH MAINTENANCE OF WATER MANAGEMENT FACILITIES AND THE EFFECTIVE USE OF INVESTMENT FOR RECONSTRUCTION AND EXPANSION OF FACILITIES. THE AVAILABILITY OF WATER FOR INDUSTRY AND AGRICULTURE IS TO BE EXTENDED. IN THE AREA OF ENVIRONMENTAL PROTECTION AND LAND USE, IT PROVIDES FOR EFFECTIVE USE OF INVESTMENT TO ENSURE IMPLEMENTATION OF MEASURES TO MAINTAIN AIR AND WATER PURITY, TO RECLAIM OR SAFELY REMOVE SOLID WASTES, AND TO REDUCE NOISE POLLUTION, ESPECIALLY IN INDUSTRIAL AGGLOMERATION AREAS AND IN LARGE CITIES. NATURAL RESOURCES ARE TO BE ECONOMICALLY USED, AND THE AVAILABILITY AND EFFICIENCY OF EXISTING FACILITIES FOR ENVIRONMENTAL PROTECTION ARE TO BE INCREASED.

GERMAN DEM REP

"OCTOBER 23, 1975 STATUTE OF THE MINISTRY FOR ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT. RESOLUTION OF THE COUNCIL OF MINISTERS." GESETZBLATT...(DDR)

LR(A) GERMAN WATER 11/20/75 PGS 699-702 EPA ID# 03457A

THIS STATUTE DEFINES THE FUNCTIONS AND STRUCTURE OF THE MINISTRY FOR ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT IN THE GERMAN DEMOCRATIC REPUBLIC AND DELINEATES THE DUTIES OF THE MINISTER. MAJOR RESPONSIBILITIES OF THE MINISTRY IN THE AREA OF LAND DEVELOPMENT AND ENVIRONMENTAL PROTECTION ARE: PLANNING AND COORDINATION OF RESEARCH; DEVELOPMENT OF SUGGESTIONS FOR THE COUNCIL OF MINISTERS; MONITORING THE IMPLEMENTATION OF LEGISLATION; AND EVALUATION OF EXISTING POLLUTION AND ITS EFFECTS. WATER MANAGEMENT TASKS ARE: ASSURANCE OF WATER SUPPLY FOR THE POPULATION, INDUSTRY, AND AGRICULTURE; SUPPLY OF DRINKING WATER AND SEWAGE PURIFICATION; ESTABLISHMENT OF RESEARCH AND DEVELOPMENT GOALS; MAINTENANCE AND EXPANSION OF WATER BODIES AND HYDROLOGICAL INSTALLATIONS; SUGGESTIONS FOR USE OF WATER MANAGEMENT FUNDS; AND SUPERVISION OF WATER USE AND QUALITY. THE MINISTRY IS DIVIDED INTO DIVISIONS (ABTEILUNGEN). THE MINISTER IS ADVISED BY A COUNCIL (KOLLEGIUM) AND ASSISTED BY THE STATE SECRETARY.

GERMANY,FED REP OF

"TEST OF THE ENVIRONMENTAL COMPATIBILITY OF PUBLIC AND PRIVATE MEASURES." WASSER, LUFT UND BETRIEB. VOL. 20, NO. 1.
GEBHARDT, WALTER

PM(B) GERMAN 01/00/76 PGS 14-16 EPA ID# 03481A

THE DEMAND FOR INFORMATION ABOUT THE LONG-TERM EFFECTS OF VARIOUS PUBLIC MEASURES ON THE ENVIRONMENT AS WELL AS ABOUT THE EFFICACY OF ENVIRONMENTAL PROTECTION MEASURES HAS LED THE FEDERAL INTERIOR MINISTRY TO DEVELOP A "PROCEDURAL MODEL FOR TESTING THE ENVIRONMENTAL COMPATIBILITY OF PUBLIC MEASURES." THE TEST IS GENERAL ENOUGH TO BE APPLIED TO MANY TYPES OF PUBLIC PROJECTS AND CAN ALSO BE USED TO EVALUATE PRIVATE ENDEAVORS. THE MODEL TEST INCLUDES EIGHT STEPS DIVIDED INTO FOUR GROUPS: A) GENERAL CONSIDERATIONS, B) TEST OF ENVIRONMENTAL IMPORTANCE, C) TEST OF ENVIRONMENTAL COMPATIBILITY AND D) BALANCING OF ENVIRONMENTAL DEMANDS AGAINST OTHER PUBLIC DEMANDS. THIS ARTICLE DESCRIBES ASPECTS OF THE TEST AND PRESENTS IN TWO TABLES: A) MAN'S ENVIRONMENTAL DEMANDS AND B) MAN'S UTILITARIAN DEMANDS AND THEIR ENVIRONMENTAL EFFECTS.

ISRAEL

"ENVIRONMENTAL PROTECTION SERVICE. ACTIVITY REPORT AS OF JANUARY 1, 1975." SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE

PM(A) ENGLISH 00/00/75 PGS 1-6 EPA ID# 03437A
ALSO PMB

THE ACTIVITIES OF THE ISRAELI ENVIRONMENTAL PROTECTION SERVICE (EPS) UP TO JANUARY 1, 1975 ARE DESCRIBED IN THIS REPORT, WHICH INCLUDES BRIEF DESCRIPTIONS OF: EPS STAFFING; PRESENTATION OF THE 1973 ANNUAL REPORT TO THE GOVERNMENT ON THE STATE OF THE ENVIRONMENT IN ISRAEL; THE ESTABLISHMENT OF A SYSTEM OF ENVIRONMENTAL IMPACT STATEMENTS; EPS REPRESENTATION WITHIN THE KNESSET COMMITTEE ON INTERIOR AND ENVIRONMENTAL QUALITY; CONTROL OF THE VARIOUS TYPES OF POLLUTION; ENVIRONMENTAL PLANNING AND LEGISLATION; ENVIRONMENTAL ECONOMICS; ENVIRONMENTAL EDUCATION; FOREIGN RELATIONS REGARDING ENVIRONMENTAL AFFAIRS; EPS PUBLICATIONS; THE EPS INFORMATION CENTER; SEMINARS, AND SURVEYS CONDUCTED BY THE EPS; AND RELATIONSHIPS OF THE EPS WITH UNIVERSITIES, RESEARCH INSTITUTES AND LOCAL AUTHORITIES.

GENERAL

SWEDEN "JUNE 28, 1974 ORDINANCE NO. 606 ON AMENDMENT TO THE INSTRUCTION (1967:444) FOR THE NATIONAL ENVIRONMENT PROTECTION BOARD." SVENSK FORFATTNINGSSAMLING

EPA

LR(B) SWEDISH 00/00/74 PGS 1-3 ID# 03451A

THIS ORDINANCE DECREES THAT THE NATIONAL ENVIRONMENTAL PROTECTION BOARD IS TO BE GOVERNED BY A COUNCIL WHOSE MEMBERS WILL BE A DIRECTOR GENERAL, APPOINTED PRESIDENT OF THE COUNCIL BY THE CABINET FOR A PERIOD NOT TO EXCEED SIX YEARS, AND SIX OTHER MEMBERS, APPOINTED BY THE CABINET FOR A PERIOD NOT TO EXCEED THREE YEARS. THE BOARD IS TO BE ORGANIZED INTO THE FOLLOWING MAJOR DIVISIONS: THE ADMINISTRATIVE, NATURE RESOURCES, AND TECHNICAL DEPARTMENTS, THE PLANNING SECRETARIAT, THE RESEARCH SECRETARIAT, AND THE RESEARCH LABORATORY. A FURTHER BREAKDOWN OF THE BOARD'S ADMINISTRATION IS INCLUDED AS WELL AS A DISCUSSION OF THE ORGANIZATION'S DUTIES.

SWITZERLAND SCHWEIZERISCHES UMWELTSCHUTZRECHT (SWISS ENVIRONMENTAL PROTECTION LAW)
MUELLER-STAHEL, HANS-ULRICH, ED.

LOC LAW SWITZ 7 MUEL 1973

LR(B) GERMAN 00/00/73 PGS 1-639 ID# 03482A
WATER AIR NOISE LAND USE

THIS VOLUME PROVIDES A CATALOG OF SWISS ENVIRONMENTAL LAW AND SHOWS THE RELATIONSHIP BETWEEN THE VARIOUS ASPECTS OF ENVIRONMENTAL PROTECTION IN SWITZERLAND. THE FIVE MAJOR SECTIONS DEAL WITH: 1) LEGAL MEASURES PERTAINING TO LAND USE PLANNING AND CARE OF THE LANDSCAPE, 2) ENVIRONMENTAL PROTECTION THROUGH ADMINISTRATIVE PRESCIPTIONS OF CONDUCT, 3) ENVIRONMENTAL PROTECTION THROUGH CRIMINAL AND CIVIL LAW, 4) INTANGIBLE ASPECTS OF ENVIRONMENTAL PROTECTION, INCLUDING EACH PERSON'S RIGHT TO A FEELING OF SPIRITUAL AND MORAL WELL-BEING, AND 5) CONTINUED DEVELOPMENT OF ENVIRONMENTAL LAW. THESE SECTIONS INCLUDE CHAPTERS DEALING WITH PROPOSED LAND USE PLANNING LEGISLATION; AIR QUALITY, WATER PROTECTION, NOISE ABATEMENT AND AIR HYGIENE LAW; AND THE ENVIRONMENTAL ARTICLE OF THE FEDERAL CONSTITUTION. BOTH FEDERAL AND CANTONAL FUNCTIONS IN THE AREA OF THE ENVIRONMENT ARE DISCUSSED.

SWITZERLAND "FIRST TRANSMISSION OF SWISS INFORMATION TO BRUSSELS AFTER EC-SWISS AGREEMENT ON THE ENVIRONMENT." PRESSE ENVIRONNEMENT, NO. 176

EPA

PM(B) FRENCH 01/30/76 PGS 19-20 ID# 03448A

PURSUANT TO THE DECEMBER 12 AGREEMENT ON COOPERATION IN THE AREA OF ENVIRONMENTAL PROTECTION BETWEEN SWITZERLAND AND THE EUROPEAN COMMUNITIES COMMISSION, THE SWISS FEDERAL OFFICE OF ENVIRONMENTAL PROTECTION IS REPORTED TO HAVE FORWARDED EIGHT DOCUMENTS TO BRUSSELS. INCLUDED AMONG THESE DOCUMENTS ARE REPORTS DEALING WITH: SWISS ENVIRONMENTAL LEGISLATION; INTERNATIONAL COOPERATION IN THE AREA OF NUISANCE PROTECTION; POLLUTION FROM ROAD TRAFFIC EXHAUST EMISSIONS; CURRENT METHODS OF DESULFURIZATION; THE RESULTS OF MONITORING 40,000 FUEL OPERATED BURNERS; AND ENVIRONMENTAL MANAGEMENT AS IT RELATES TO THE GENERAL CONCEPT OF ENERGY AND TRANSPORTATION.

GENERAL

SWITZERLAND "INFORMATION EXCHANGE ON ENVIRONMENTAL PROTECTION: EC-SWITZERLAND." NEUE ZUERCHER ZEITUNG

PM(A) GERMAN 12/13/75 PGS 28 EPA ID# 03476A

THIS NEWSPAPER ARTICLE STATES THAT SWITZERLAND AND THE EUROPEAN COMMUNITIES (EC) HAVE FORMALLY AGREED TO AN INFORMATION EXCHANGE IN THE AREA OF ENVIRONMENTAL PROTECTION. THE SWISS ARE PARTICULARLY INTERESTED IN THE FOLLOWING TYPES OF INFORMATION: PROCEDURES FOR THE ANALYSIS AND MEASUREMENT OF AIR AND WATER POLLUTING SUBSTANCES; TYPES OF POLLUTION CAUSED BY CERTAIN BRANCHES OF INDUSTRY; AND THE EFFECTS OF ENERGY PORDUCTION ON THE ENVIRONMENT. A REPRESENTATIVE OF THE EC COMMISSION PROJECTED AN INITIAL INTENSIFICATION OF COOPERATION IN COMBATING POLLUTION IN THE RHINE AND IN LAKE GENEVA. NO PRIORITIES FOR THE PROBLEMS TO BE CONSIDERED HAVE AS YET BEEN DEVELOPED.

SWITZERLAND "OPPOSE NUCLEAR POWER STATIONS AND SEQUENTIAL AUTHORIZATIONS." JOURNAL DE GENEVE

SE( ) FRENCH 12/24/75 PGS 9 EPA ID# 03478A

THIS ARTICLE REPORTS THAT A PUBLIC STATEMENT ISSUED BY THE SWISS NORTH-WEST ACTION COMMITTEE AGAINST NUCLEAR POWER STATIONS AND THE KAISERAUGST NON-VIOLENT ACTION GROUP HAS CONDEMNED THE GRANTING OF A PARTIAL AUTHORIZATION FOR THE CONSTRUCTION OF THE LEIBSTADT NUCLEAR POWER STATION BY THE FEDERAL DEPARTMENT OF TRANSPORTATION, COMMUNICATIONS AND ENERGY. THE GROUPS' OBJECTIONS ARE REPORTED TO BE BASED ON THE CONTENTION THAT METEOROLOGICAL IMPACT REPORTS WERE NEVER COMPLETED FOR THIS AREA IN SPITE OF GOVERNMENT ASSURANCES TO THE CONTRARY. MOREOVER, THE GROUPS ARE REPORTED TO BE QUESTIONING THE LEGALITY OF PIECEMEAL AUTHORIZATIONS.

USSR "EFFECT OF ENVIRONMENTAL CONDITIONS ON THE SEASONAL ACTIVITY OF MULTIVOLTINE PARASITES OF NEODIPRION SERTIFER." ENVIRONMENT CANADA TRANSLATION OOENV TR-944
KHORKHORDIN, E.G.

ST( ) ENGLISH 00/00/75 PGS 1-16 EPA ID# 03409A

THE FACTORS WHICH WERE OBSERVED TO AFFECT THE SEASONAL ACTIVITY OF SAWFLY EONYMPH PARASITES ARE NOTED IN THIS REPORT DRAWN UP AFTER TESTING IN PINE FORESTS OF VARIOUS AGES IN THE VORONEZ REGION OF THE USSR. THE SPRING POPULATION OF BOTH THE PLEOLOPHUS BASIZONUS AND THE DAHLBOMINUS FUSCIPENNIS WAS GOVERNED BY THE NUMBER OF OVERWINTERED PARASITIZED EONYMPHS OF THE HOST IN THE FOREST. IN YOUNG FORESTS, A HIGH SUMMER TEMPERATURE DEPRESSED THE REPRODUCTION OF THE PARASITES, AND IN P. BASIZONUS THE PROPORTION OF FEMALES IN THE PROGENY WAS REDUCED. IN OLDER PINE FORESTS, A 4.4 DECREASE IN THE PARASITIZATION OF HOST COCOONS BY D. FUSCIPENNIS OCCURRED IN THE LOWER LAYERS OF THE LITTER. (THE RUSSIAN LANGUAGE ORIGINAL APPEARS IN ZOOLOGICHESKII ZHURNAL, VOL. 53, NO. 4, 1974.)

AUSTRIA

ERSTER RAUMORDNUNGSBERICHT. SCHRIFTENREIHE NR. 8 (FIRST REGIONAL PLANNING REPORT. PUBLICATION NO. 8)
AUSTRIA. CONFERENCE ON REGIONAL PLANNING
PM(B) GERMAN 00/00/75 PGS 1-331 EPA ID# 03479A

THE AUSTRIAN CONFERENCE ON REGIONAL PLANNING (OEROK) IS COMPOSED OF MEMBERS OF THE FEDERAL, PROVINCIAL AND LOCAL GOVERNMENTS AND ADVISORY REPRESENTATIVES OF SPECIAL INTEREST GROUPS. IT WAS FORMED IN FEBRUARY 1971 TO COORDINATE LAND USE AND REGIONAL PLANNING EFFORTS AT THE VARIOUS JURISDICTIONAL LEVELS. THIS IS THE FIRST OF A SERIES OF PLANNED REGULAR REPORTS ON THE ACTIVITIES OF THE CONFERENCE. THE INITIAL SECTION OF THE REPORT DEALS WITH IMPORTANT GEOGRAPHICAL ASPECTS OF AUSTRIA. SECTION 2 TREATS THE HISTORY OF LAND PLANNING IN THE SECOND REPUBLIC, THE CONSTITUTIONAL BASES OF LAND USE PLANNING, AND THE WORK OF OEROK AND ITS ORGANS. SECTION 3 DISCUSSES THE ACTIVITIES OF THE FEDERAL GOVERNMENT; SECTION 4, THOSE OF THE NINE PROVINCES; AND SECTION 5, THOSE OF LOCAL AUTHORITIES. THE LAST SECTION DEALS WITH THE CONTRIBUTIONS OF INTEREST GROUPS. APPENDED ARE SUMMARIES OF THE REPORT AND EXTRACTS FROM THE TABLE OF CONTENTS IN ENGLISH, FRENCH AND RUSSIAN.

BRAZIL

SOBRADINHO HYDROELECTRIC PROJECT ENVIRONMENTAL IMPACT RECONNAISSANCE
GOODLAND, ROBERT
PM(B) ENGLISH 09/00/73 PGS 1-105 EPA ID# 03467A
ALSO SE
*WATER

EL SALVADOR

CERRON GRANDE HYDROELECTRIC PROJECT ENVIRONMENTAL IMPACT RECONNAISSANCE
GOODLAND, ROBERT
PM(B) ENGLISH 04/00/73 PGS 1-95 EPA ID# 03455A
ALSO SE
*WATER

ISRAEL

"READING D: PLANNING AND BUILDING OR BUILDING AND THEN PLANNING." ISRAEL LAW REVIEW, VOL. 8, NO. 4
LASTER, RICHARD E.
LR(B) ENGLISH 10/00/73 PGS 481-505 EPA ID# 03436A
ALSO PMA, PMB AND SE
AIR NOISE

THE QUESTION OF LEGALITY AND THE ENVIRONMENTAL CONTROVERSY ARISING OVER THE CONSTRUCTION OF AN ELECTRIC POWER PLANT AT A SITE CALLED READING D NEAR TEL-AVIV, ISRAEL ARE EXAMINED IN THIS CASE STUDY. IN ACCORDANCE WITH THE PROVISIONS OF THE PLANNING AND BUILDING LAW, 1965, THE LOCAL GOVERNMENT OF TEL-AVIV INITIALLY VETOED THE CONSTRUCTION OF THE PLANT AT READING D FOR ECOLOGICAL REASONS. HOWEVER, INCREASING PRESSURE ON THE NATIONAL GOVERNMENT TO CREATE NEW SOURCES OF ENERGY IN ISRAEL LED THE PARLIAMENT TO PASS A SPECIAL LAW, THE TEL-AVIV POWER PLANT LAW, 1967, WHICH EFFECTIVELY CIRCUMVENTED THE PROVISIONS OF THE PLANNING AND BUILDING LAW AND THE DECISION OF THE LOCAL GOVERNMENT. THE ENSUING CONTROVERSY AND LITIGATION BETWEEN ENVIRONMENTALISTS AND DEVELOPERS ARE HIGHLIGHTED IN THIS CASE STUDY DESCRIBING THE WORKINGS OF THE PERTINENT ENVIRONMENTAL LAWS AND ENVIRONMENTAL MANAGEMENT ORGANIZATION. IT IS CONCLUDED THAT GOVERNMENT ENERGY POLICIES AND LONG RANGE PLANNING GOALS NEED TO BE INCORPORATED WITHIN THE PLANNING AND BUILDING LAW.

ISRAEL

"SATELLITE NEAR NES HARIM/HAR YALLA: AN ENVIRONMENTAL PLANNING APPRAISAL."
SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
BRACKYA, VALERIE, AND DALIA KADURY LICHFIELD

PM(B) ENGLISH 00/00/75 PGS 1-14 EPA ID# 03443A
ALSO SE
AIR NOISE

IN VIEW OF A PROPOSED HIGH-QUALITY HOUSING PROJECT TO ACCOMMODATE 20,000 PERSONS IN THE DENSLY-POPULATED AREA OF JERUSALEM, THIS IMPACT REPORT, PREPARED BY THE ISRAELI ENVIRONMENTAL PROTECTION SERVICE, EXAMINES THE ADVANTAGES AND DISADVANTAGES OF THE PROPOSED SITE IN THE JUDEAN HILLS NEAR NES HARIM/HAR YALLA. PROSPECTIVE RESIDENTS OF THIS AREA WOULD BENEFIT FROM THE ATTRACTIVENESS OF THE SURROUNDING LANDSCAPE BUT SUFFER THE HIGH COST OF COMMUTING. IMMEDIATE ADVERSE EFFECTS ON THE ENVIRONMENT AND ON HUMAN HEALTH ARE NEGLIGIBLE; HOWEVER, THE REGION AND THE NATION WOULD LOSE THE RIGHT OF ACCESS TO THIS AREA FOR RECREATIONAL PURPOSES. THE REPORT CONCLUDES THAT NEITHER THE BENEFITS NOR DISADVANTAGES CLEARLY OUTWEIGH ONE ANOTHER, BUT SUGGESTS THE COMPARISON OF POSSIBLE ALTERNATIVE SITES AS WELL AS A REVIEW OF THIS AND SIMILAR PROPOSALS IN THE OVERALL CONTEXT OF THE SOCIOECONOMIC NEEDS RELATIVE TO THE GROWTH AND DEVELOPMENT OF THE JERUSALEM CORRIDOR AND THE NATION AS A WHOLE.

NORWAY

ACT OF JUNE 19, 1970, NO. 63 CONCERNING NATURE CONSERVANCY

LR(A) ENGLISH 06/19/70 PGS 1-10 EPA ID# 03469A

THIS ACT, PRESENTED IN ENGLISH TRANSLATION, STIPULATES THAT NATURE IS A NATIONAL ASSET AND MUST BE PROTECTED. IT IS DIVIDED INTO THE FOLLOWING CHAPTERS: PURPOSE AND GENERAL PROVISIONS; THE PROTECTION OF SPECIAL NATURE AREAS AND NATURAL RESOURCES, INCLUDING NATIONAL PARKS, PROTECTED LANDSCAPE AREAS, NATURE RESERVES, AND NATURAL RELICS; SPECIAL PROVISIONS CONCERNING THE PROTECTION OF FLORA AND FAUNA; PROTECTION OF LANDSCAPE AND NATURAL ENVIRONMENT; THE STATE NATURE PRESERVATION COUNCIL; AND MISCELLANEOUS PROVISIONS. THIS ACT NULLIFIES THE DECEMBER 1, 1954 PROTECTION ACT. RESOLUTIONS PURSUANT TO THE 1954 ACT SHALL, HOWEVER, CONTINUE TO BE APPLICABLE INSOFAR AS THEY DO NOT CONTRAVENE PROVISIONS GIVEN ON OR IN PURSUANCE OF THIS ACT. (THE NATURE CONSERVANCY ACT WAS ORIGINALLY PUBLISHED IN NORSK LOVTIDEND I, 1970, PP. 987-993.)

SWITZERLAND

"THE LAND USE PLANNING LAW AS AN INSTRUMENT OF 'PARTNERSHIP FEDERALISM.'"
NEUE ZUERCHER ZEITUNG

LR(B) GERMAN 11/24/75 PGS 14 EPA ID# 03407A

THE SWISS FEDERAL LAND USE PLANNING LAW, SCHEDULED FOR REFERENDUM IN JUNE 1976, WAS DISCUSSED IN A SPEECH PRESENTED AT THE COLLOQUIUM ON FEDERALISM AND LAND PLANNING SPONSORED BY THE TECHNICAL UNIVERSITY OF ZURICH. EXCERPTS PRESENTED IN THIS ARTICLE CHARACTERIZE THE LAW AS OFFERING A COOPERATIVE RELATIONSHIP BETWEEN THE FEDERAL GOVERNMENT AND THE CANTONS AND AMONG THE CANTONS. ARTICLE 1 PROVIDES FOR THE COORDINATION OF CANTONAL PLANS IN SUCH MATTERS AS THE DESIGNATION OF RESIDENTIAL AND RECREATION AREAS. FEDERAL AUTHORITIES ARE TO ACT AS COORDINATORS IN INTERCANTONAL AFFAIRS AND ESPECIALLY CHECK TO SEE THAT THE TOTAL CANTONAL PLANS ARE COMPATIBLE ON A NATIONAL LEVEL. ARTICLE 2 STATES THAT THE CANTONS AND THE FEDERATION ARE TO ENSURE A CONTINUOUS AND PERVASIVE PLANNING AND THAT PLANS ON ALL LEVELS ARE TO BE HARMONIZED.

LAND USE

SWITZERLAND "LAND USE PLANNING INDISPENSABLE DESPITE RECESSION." NEUE ZUERCHER ZEITUNG
EPA
LR(A) GERMAN 01/06/76 PGS 9 ID# 03426A
ALSO P4B

THE ECONOMIC RECESSION IS NOT A VALID REASON FOR REJECTING THE PROPOSED FEDERAL LAND USE PLANNING LAW, ACCORDING TO SWISS FEDERAL COUNCILLOR KURT FUNGLER. PROBLEMS OF UNREGULATED GROWTH AND HAPHAZARD LAND DEVELOPMENT CONTINUE REGARDLESS OF THE STATE OF THE ECONOMY. THE LAW, SCHEDULED FOR VOTE THIS YEAR, INVOLVES FEDERAL COORDINATION OF ACTIVITIES AT NATIONAL, CANTONAL, AND MUNICIPAL LEVEL AS WELL AS COOPERATION BETWEEN ALL THREE LEVELS OF GOVERNMENT. CITING THE NEED FOR THE LAW, FUNGLER QUOTED STATISTICS OF THE FEDERAL JUSTICE AND POLICE DEPARTMENT SHOWING THAT: 1) ALL JURISDICTIONS COMBINED SPENT NEARLY 25 BILLION FRANCS ON LAND DEVELOPMENT IN 1974, 2) OVER 100,000 HECTARES OF CULTIVATED LAND WERE CONVERTED TO URBAN USES FORM 1942-1967, AND 3) WHILE THE GENERAL POPULATION HAS INCREASED TO TWO AND ONE HALF ITS 1850 LEVEL, CITY POPULATION HAS GROWN TO 23 TIMES ITS 1850 LEVEL. IN VIEW OF THESE FACTS, CAREFULLY PLANNED USE OF LAND IS ESSENTIAL.

SWITZERLAND SCHWEIZERISCHES UMWELTSCHUTZRECHT (SWISS ENVIRONMENTAL PROTECTION LAW)
MUELLER-STAHEL, HANS-ULRICH, ED.
LOC LAW SWITZ 7 MUEL 1973
LR(B) GERMAN 00/00/73 PGS 1-639 ID# 03482A
*GENERAL WATER AIR NOISE

NOISE

FRANCE "65 MILLION TO FIGHT NOISE AND AIR POLLUTION." LE FIGARO
SCHWEITZER, GENEVIEVE
EPA
SE( ) FRENCH 12/11/75 PGS 9 ID# 03439A
*GENERAL AIR WATER SOLID WASTE

GERMANY,FED REP OF "APRIL 5, 1974 ORDINANCE ON STRUCTURAL NOISE REDUCTION REQUIREMENTS PURSUANT TO THE LAW ON PROTECTION AGAINST AIRCRAFT NOISE (NOISE REDUCTION ORDINANCE)." BUNDESGESETZBLATT
EPA
LR(A) GERMAN 04/11/74 PGS 903-907 ID# 00919B

THE ORDINANCE APPLIES TO INSTALLATIONS BUILT IN NOISE PROTECTION AREAS AS WELL AS TO RESIDENCES BUILT IN NOISE PROTECTION ZONE 2 AS DEFINED BY THE 1971 LAW ON PROTECTION AGAINST AIRCRAFT NOISE. INITIAL SECTIONS OF THE ORDINANCE REQUIRE BUILDINGS OR ROOMS FOR OTHER THAN TEMPORARY HUMAN USE TO BE CONSTRUCTED AND ARRANGED SO THAT NOISE IS STRUCTURALLY REDUCED BY LEVELS SPECIFIED IN THE ORDINANCE. OTHER SECTIONS DESCRIBE THE NATURE OF THE STRUCTURAL COMPONENTS (WALLS, CEILINGS, DOORS, WINDOWS) THAT SATISFY REQUIREMENTS OF THE ORDINANCE AND DISCUSS MEANS OF VERIFYING SATISFACTORY NOISE REDUCTION.

NOISE

GERMANY,FED REP OF — 1974 ORDINANCES ESTABLISHING NOISE PROTECTION AREAS FOR COMMERCIAL AIRPORTS IN THE FEDERAL REPUBLIC OF GERMANY (FROM THE BUNDESGESETZBLATT 1974)

EPA

LR(A) GERMAN 00/00/74 PGS 1-6 ID# 00919E

THE FOLLOWING ORDINANCES WERE ISSUED IN 1974 PURSUANT TO THE MARCH 30, 1971 LAW FOR THE PROTECTION AGAINST AIRCRAFT NOISES IN ORDER TO PROTECT THE PUBLIC FROM DANGERS AND CONSIDERABLE DISADVANTAGES OR DISTURBANCES FROM CIVIL AIRCRAFT NOISE: THE MAY 28, 1974 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE COMMERCIAL AIRPORT OF BREMEN AND THE JULY 29, 1974 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE COMMERCIAL AIRPORT OF NUERNBERG. (SEE ALSO ABSTRACT NUMBER 00919D ON THE MARCH 4, 1974 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE COMMERCIAL AIRPORT OF DUESSELDORF.) EACH NOISE PROTECTION AREA IS DIVIDED INTO TWO NOISE PROTECTION ZONES DEFINED BY COORDINATES ON X-Y AXES LISTED IN THE APPENDIX.

GERMANY,FED REP OF — 1974 ORDINANCES ESTABLISHING NOISE PROTECTION AREAS FOR MILITARY AIRFIELDS IN THE FEDERAL REPUBLIC OF GERMANY (FROM THE BUNDESGESETZBLATT 1974)

EPA

LR(A) GERMAN 00/00/74 PGS 1-15 ID# 00919F

THE FOLLOWING ORDINANCES WERE ISSUED IN 1974 PURSUANT TO THE MARCH 30, 1971 LAW FOR THE PROTECTION AGAINST AIRCRAFT NOISES IN ORDER TO PROTECT THE PUBLIC FROM DANGERS AND CONSIDERABLE DISADVANTAGES OR DISTURBANCES FROM MILITARY AIRCRAFT NOISE: THE JULY 29, 1974 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE MILITARY AIRPORT OF LEIPHEIM AND THE OCTOBER 28, 1974 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE MILITARY AIRFIELD OF NOERVENICH. THE NOISE PROTECTION AREAS ARE DIVIDED INTO TWO NOISE PROTECTION ZONES DEFINED BY COORDINATES ON X-Y AXES LISTED IN THE APPENDIX.

GERMANY,FED REP OF — 1975 ORDINANCES ESTABLISHING NOISE PROTECTION AREAS FOR COMMERCIAL AIRPORTS IN THE FEDERAL REPUBLIC OF GERMANY (FROM THE BUNDESGESETZBLATT 1975)

EPA

LR(A) GERMAN 00/00/75 PGS 1-17 ID# 00919G

THE FOLLOWING ORDINANCES WERE ISSUED IN 1975 PURSUANT TO THE MARCH 30, 1971 LAW FOR THE PROTECTION AGAINST AIRCRAFT NOISES IN ORDER TO PROTECT THE PUBLIC FROM DANGERS AND CONSIDERABLE DISADVANTAGES OR DISTURBANCES FROM CIVIL AIRCRAFT NOISE: THE JANUARY 22, 1975 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE COMMERCIAL AIRPORT OF HANNOVER-LANGENHAGEN, THE NOVEMBER 21, 1971 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE COMMERCIAL AIRPORT OF STUTTGART, AND THE DECEMBER 1, 1975 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE COMMERCIAL AIRPORT OF COLOGNE/BONN. EACH NOISE PROTECTION AREA IS DIVIDED INTO TWO NOISE PROTECTION ZONES DEFINED BY COORDINATES ON X-Y AXES LISTED IN THE APPENDIX.

NOISE

GERMANY,FED REP OF — 1975 ORDINANCES ESTABLISHING NOISE PROTECTION AREAS FOR MILITARY AIRFIELDS IN THE FEDERAL REPUBLIC OF GERMANY (FROM THE BUNDESGESETZBLATT 1975)

LR(A) — GERMAN — 00/00/75 PGS 1-42 — EPA ID# 00919H

THE FOLLOWING ORDINANCES WERE ISSUED IN 1975 PURSUANT TO THE MARCH 30, 1971 LAW FOR THE PROTECTION AGAINST AIRCRAFT NOISES IN ORDER TO PROTECT THE PUBLIC FROM DANGERS AND CONSIDERABLE DISADVANTAGES OR DISTURBANCES FROM MILITARY AIRCRAFT NOISE: 1) THE JUNE 23, 1975 ORDINANCE ESTABLISHING A NOISE PROTECTION AREA FOR THE MILITARY AIRFIELD OF GUETERSLOH, 2) THE JUNE 23, 1975 ORDINANCE...FOR THE MILITARY AIRFIELD OF MEMMINGEN, 3) THE JULY 4, 1975 ORDINANCE...FOR THE MILITARY AIRFIELD OF BREMGARTEN, 4) THE NOVEMBER 18, 1975 ORDINANCE...FOR THE MILITARY AIRFIELD OF ERDING, 5) THE NOVEMBER 25, 1975 ORDINANCE...FOR THE MILITARY AIRFIELD OF NEUBURG ON THE DANUBE, 6) THE NOVEMBER 27, 1975 ORDINANCE...FOR THE MILITARY AIRFIELD OF SOELLINGEN. EACH NOISE PROTECTION AREA IS DIVIDED INTO TWO PROTECTION ZONES DEFINED BY COORDINATES ON X-Y AXES LISTED IN THE APPENDIX.

GERMANY,FED REP OF — "ENVIRONMENTAL PROTECTION IN THE POTASH INDUSTRY - PAST, PRESENT, AND FUTURE." ENVIRONMENT CANADA TRANSLATION 00ENV TR-910
HENNE, HANS

PM(B) — ENGLISH — 00/00/75 PGS 1-33 — EPA ID# 03419A
ALSO LRB
*WATER AIR SOLID WASTE

GERMANY,FED REP OF — GRUNDLAGEN DER LUFTREINHALTUNG UND DER LAERMBEKAEMPFUNG IN NORDRHEIN-WESTFALEN (BASES OF AIR QUALITY AND NOISE ABATEMENT IN NORTH RHINE WESTPHALIA)
NORTH RHINE WESTPHALIA. MINISTRY FOR WORK, HEALTH...

PM(B) — GERMAN — 04/00/75 PGS 1-106 — EPA ID# 03449A
*AIR

ISRAEL — "READING 0: PLANNING AND BUILDING OR BUILDING AND THEN PLANNING." ISRAEL LAW REVIEW, VOL. 8, NO. 4
LASTER, RICHARD E.

LR(B) — ENGLISH — 10/00/73 PGS 481-505 — EPA ID# 03436A
ALSO PMA, PMB AND SE
*LAND USE AIR

ISRAEL "SATELLITE NEAR NES HARIM/HAR YALLA: AN ENVIRONMENTAL PLANNING APPRAISAL." SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
BRACKYA, VALERIE, AND DALIA KADURY LICHFIELD EPA
PM(B) ENGLISH 00/00/75 PGS 1-14 ID# 03443A
ALSO SE
*LAND USE AIR

ISRAEL NOISE POLLUTION IN ISRAEL. REPORT OF THE COMMITTEE ON RESEARCH IN NOISE POLLUTION
EPA
PM(B) ENGLISH 06/00/74 PGS I-XVIII ID# 03450A
ALSO LRB AND SE

IN VIEW OF THE INCREASING IMPORTANCE GIVEN TO THE EFFECT OF NOISE POLLUTION ON HUMAN HEALTH, THE FIRST REPORT OF THE ISRAELI COMMITTEE ON RESEARCH IN NOISE POLLUTION ANALYZES AND MAKES RECOMMENDATIONS CONCERNIG THE EFFECT ON HUMAN HEALTH OF NOISE FROM INDUSTRY, MOTOR VEHICLES, CONSTRUCTION, AIRCRAFT, AND OTHER SOURCES IN ISRAEL. THIS EXCERPT OF THE ORIGINAL HEBREW REPORT TRANSLATES THE FOREWORD, CHAPTER TITLES, CONCLUSIONS, RECOMMENDATIONS AND SUMMARY INTO ENGLISH. EXCERPTED PARTS DEAL WITH THE IMPACT OF NOISE ON MAN, NOISE SOURCES, PLANNING AND BUILDING, AND NOISE CONTROL LEGISLATION.

JAPAN ENVIRONMENTAL RESEARCH IN JAPAN, 1973
JAPAN. ENVIRONMENT AGENCY, COMP.
EPA
ST( ) JAPANESE* 00/00/74 PGS 1-776 ID# 03445A
ALSO PMB/*ENGLISH SUMMARIES
*AIR WATER TOXIC SUBS SOLID WASTE PESTICIDES

MEXICO "JANUARY 2, 1976 REGULATION FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION BY NOISE EMISSIONS." DIARIO OFICIAL, NO. 1
EPA
LR(A) SPANISH 01/02/76 PGS 55-62 ID# 03464A

IN ACCORDANCE WITH THE FEDERAL LAW ON THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION OF MEXICO, THIS REGULATION, ENTERING INTO FORCE ON MARCH 2, 1976 AND ADMINISTERED BY THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE IN COOPERATION WITH THE SECRETARIAT OF INDUSTRY AND COMMERCE, SETS FORTH THE LEGAL, ADMINISTRATIVE AND TECHNICAL PROVISIONS FOR THE CONTROL OF NOISE POLLUTION IN MEXICO. FEDERAL, STATE AND MUNICIPAL GOVERNMENTS ARE RESPONSIBLE FOR ENFORCING THIS REGULATION, AND IN ORDER TO FACILITATE INTRAGOVERNMENTAL COORDINATION, NOISE ADVISORY COMMISSIONS ARE TO BE CREATED IN EACH MUNICIPALITY OF THE COUNTRY. MAXIMUM NOISE LEVEL STANDARDS FOR MOBILE AND STATIONARY SOURCES ARE GIVEN AS WELL AS THE ATTENDANT PROVISIONS FOR THE ENFORCEMENT MECHANISMS, MEASURING AND SURVEILLANCE PROCEDURES, PLANNING CRITERIA, EXEMPTIONS, AND NOISE CONTROL ADJUSTMENT PERIODS. PENALTIES AND APPEAL PROCEDURES ARE INCLUDED, AS WELL AS PROVISIONS FOR PUBLIC EDUCATION AND PARTICIPATION IN CONTROLLING SOURCES OF NOISE POLLUTION.

OECD

PM(B) "LISTENING TO NEIGHBORING RESIDENTS." LE MONDE
AMBROISE-RENDU, MARC
FRENCH 01/31/76 PGS 29 EPA ID# 03458A

THIS ARTICLE ANNOUNCES THE PUBLICATION OF A NEW OECD REPORT ON "AIRPORTS AND THE ENVIRONMENT." IN ITS EXAMINATION OF POSSIBLE RESPONSES TO INCREASES IN AIR TRAFFIC FACING ALL OF THE MEMBER NATIONS, THE REPORT CITES BOTH THE DEVELOPMENT OF EXISTING AIRPORT EFFICIENCY AND THE CONSTRUCTION OF INTERNATIONALLY-ORIENTED LARGE SCALE AIRPORTS SIMILAR TO THE ONE IN ROISSY, FRANCE. THESE RESPONSES TO GROWING AIR TRAFFIC DEMANDS, HOWEVER, PRESENT PROBLEMS ON THE ENVIRONMENTAL LEVEL WHICH IN TURN COME UNDER CONSIDERATION IN THE REPORT. THE ENVIRONMENTAL NUISANCE ON WHICH THE OECD REPORT FOCUSES IS NOISE POLLUTION. SUGGESTED MEASURES FOR ADOPTION INCLUDE: 1) APPLICATION OF THE POLLUTER PAYS PRINCIPLE IN THE LEVYING OF AIRPORT TAXES ACCORDING TO THE LEVEL OF NOISE BEING EMITTED BY THE AIRCRAFT; AND 2) MANDATORY ENVIRONMENTAL IMPACT REPORTS PRIOR TO NEW CONSTRUCTION INFORMING THE PUBLIC OF THE ISSUES AND CHOICES AT HAND.

SWITZERLAND

LR(B) SCHWEIZERISCHES UMWELTSCHUTZRECHT (SWISS ENVIRONMENTAL PROTECTION LAW)
MUELLER-STAHEL, HANS-ULRICH, ED.
GERMAN 00/00/73 PGS 1-639 LOC LAW SWITZ 7 MUEL 1973
*GENERAL WATER AIR LAND USE ID# 03482A

SWITZERLAND

PM(B) "ENVIRONMENTAL PROTECTION IN ROAD TRAFFIC AS MAJOR TOPIC OF DISCUSSION."
NEUE ZUERCHER ZEITUNG
GERMAN 09/30/75 PGS 31 EPA
*AIR ID# 03431A

SWITZERLAND

PM(B) "ENVIRONMENTAL POLLUTION AND AIR TRAFFIC." NEUE ZUERCHER ZEITUNG
GERMAN 01/14/76 PGS 25 EPA
AIR ID# 03465A

ACCORDING TO THIS ARTICLE, A STUDY PREPARED BY SWISSAIR AND AN ENGINEERING AND PLANNING FIRM FOUND THAT IN SPITE OF A CONSIDERABLE INCREASE IN AIR TRAFFIC IN SWITZERLAND BY 1985, POLLUTION FROM AIRCRAFT WILL NOT INCREASE IN ABSOLUTE TERMS AND WILL ACTUALLY DECREASE UNDER CERTAIN CIRCUMSTANCES. IF CALCULATIONS ARE BASED ON PASSENGER KILOMETERS, THEN AN OVERALL SINKING TENDENCY IS PREDICTED FOR THE NEXT DECADE. THE STUDY, WHICH COVERED ONLY COMMERCIAL AIR TRAFFIC WITH LARGE AIRCRAFT, ALSO COMPARED POLLUTION FROM PLANES WITH THAT FROM AUTOMOBILES AND RAIL TRAFFIC. RESULTS INCLUDE CONSIDERATION OF FACTORS AT THE AIRPORTS IN ZURICH, GENEVA AND BASEL. FACTORS MEASURED IN THE STUDY WERE NOISE, AIR POLLUTION (WITH POLLUTANTS SUCH AS CARBON MONOXIDE, HYDROCARBONS, NITROGEN OXIDES, SULFUR OXIDES AND PARTICULATES), ENERGY USE AND FREQUENCY OF ACCIDENTS.

USSR

NOISE ABATEMENT
CHUDNOV, V.
PM(B) ENGLISH 00/00/74 PGS 1-79 EPA ID# 03434A
ALSO SE, LRB AND ST

SOCIOECONOMIC AND HEALTH PROBLEMS CAUSED BY NOISE FROM INDUSTRY, URBAN AND RURAL AREAS AND WITHIN THE HOME ARE DISCUSSED IN THIS PUBLICATION. THE TECHNICAL, LEGAL, ADMINISTRATIVE AND PLANNING MEASURES TAKEN TO CONTROL NOISE IN THE USSR ARE CITED. DESPITE NOISE CONTROL LAWS, NEW INNOVATIONS IN NOISE CONTROL TECHNOLOGY AND THE WIDE-RANGING POWERS OF THE STATE SANITATION SERVICES AND LOCAL BODIES, THE AUTHOR CONCLUDES THAT NOISE POLLUTION IS STILL A GROWING AND OFTEN NEGLECTED PROBLEM OF THE HUMAN ENVIRONMENT WHICH INTERFERES WITH WORK PRODUCTION AND SLEEP AND AFFECTS HUMAN HEALTH IN SUBTLE WAYS WHICH MAY HAVE UNPREDICTABLE AND ADVERSE LONG-RANGE CONSEQUENCES.

PESTICIDES

GERMANY,FED REP OF

"MAY 31, 1974 ORDINANCE TO REISSUE THE ORDINANCE CONCERNING PROHIBITIONS AND LIMITATIONS OF USE FOR PLANT PROTECTION PRODUCTS." BUNDESGESETZBLATT
LR(A) GERMAN 06/01/74 PGS 1204-1210 EPA ID# 00589F

ISSUED PURSUANT TO THE 1958 PLANT PROTECTION LAW, THIS VERSION OF THE ORDINANCE CONTAINS THREE APPENDIXES. PLANT PROTECTION PRODUCTS COMPOSED OF OR CONTAINING SUBSTANCES LISTED IN THE FIRST ARE FORBIDDEN. PLANT PROTECTION SUBSTANCES LISTED IN THE SECOND MAY BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE APPENDIX, AND THE RESTRICTIONS REGARDING THE USE OF THE TREATED LAND MUST BE OBSERVED. SUBSTANCES LISTED IN APPENDIX THREE MAY BE USED EXCEPT FOR THOSE PURPOSES EXPRESSLY FORBIDDEN IN THE APPENDIX.

GERMANY,RED REP OF

"OCTOBER 2, 1975 PROMULGATION OF THE NEW VERSION OF THE PLANT PROTECTION LAW." BUNDESGESETZBLATT
LR(A) GERMAN 10/04/75 PGS 2591-2599 EPA ID# 00589E

THIS VERSION OF THE LAW INCLUDES CHANGES MADE BY THE AUGUST 15, 1974 SECOND LAW TO AMEND THE (1958) PLANT PROTECTION LAW. PURPOSES OF THE LAW ARE TO PROTECT PLANTS AND STORED PLANT PRODUCTS FROM PESTS AND DISEASES AND TO PREVENT DAMAGE TO HUMAN OR ANIMAL HEALTH FROM PLANT TREATMENT SUBSTANCES. "PLANT TREATMENT SUBSTANCES" ARE DEFINED BY THE AMENDMENT AS PESTICIDES AND GROWTH REGULATING SUBSTANCES. THE AMENDED VERSION OF THE LAW EMPOWERS THE FEDERAL MINISTER FOR FOOD, AGRICULTURE AND FORESTRY TO ENACT ORDINANCES: 1) FORBIDDING OR LIMITING THE USE OF CERTAIN PLANT TREATMENT SUBSTANCES AND 2) FORBIDDING OR LIMITING THE IMPORT OF SEEDS, PLANTS, EARTH OR OTHER CULTURE SUBSTRATA TREATED WITH SUCH REGULATED SUBSTANCES. PERMITS FOR PLANT TREATMENT SUBSTANCES MUST BE OBTAINED FROM THE FEDERAL BIOLOGICAL INSTITUTE, AND THE FEDERAL MINISTER MAY SPECIFY VIA REGULATION THE PROCEDURE FOR OBTAINING THESE PERMITS. THE LAW CONTAINS LABELLING PRESCRIPTIONS, AND THE INSTITUTE MAY ALSO ISSUE LABELLING INSTRUCTIONS WITH THE PERMIT.

PESTICIDES

INTERNATIONAL

"COLOMBIA AND VENEZUELA AGREE ON MEASURES TO PREVENT THE SALE OF PROHIBITED PESTICIDES." EL UNIVERSAL

LR(B)

SPANISH 11/09/75 PGS 2/5 EPA
ALSO PMB ID# 03430A
TOXIC SUBS WATER

ACCORDING TO THIS BRIEF ARTICLE, MEASURES TO PREVENT THE SALE AND USE OF PESTICIDES PROHIBITED IN VENEZUELA AND COLUMBIA HAVE BEEN FORMULATED BY THE MINISTERS OF HEALTH OF THOSE TWO COUNTRIES AND BY THE NATIONAL COMMISSIONS OF THOSE COUNTRIES WHICH ADMINISTER THE SANITARY BORDER COOPERATION AGREEMENT. MUTUALLY ACCEPTABLE PROCEDURES AND STANDARDS FOR SURVEILLANCE AND CONTROL OF PROHIBITED PESTICIDES ARE TO BE ADOPTED BY THE CIVIL, MILITARY AND HEALTH AUTHORITIES OF BOTH COUNTRIES, AND THE EXCHANGE AND STANDARDIZATION OF PESTICIDE REGISTERS WILL ENSURE THE MUTUAL RECOGNITION OF FORBIDDEN PESTICIDES IN EACH COUNTRY. IN ADDITION, THE EXCHANGE OF TECHNICAL INFORMATION AND PERSONNEL BETWEEN THE MINISTRIES OF HEALTH OF THE TWO COUNTRIES WILL FACILITATE THE IMPLEMENTATION OF THIS PROGRAM AS OTHER PLANNED PROGRAMS OF MUTUAL INTEREST INVOLVING OCCUPATIONAL HEALTH, POLLUTION AND ENVIRONMENTAL PROTECTION.

JAPAN

ENVIRONMENTAL RESEARCH IN JAPAN, 1973
JAPAN. ENVIRONMENT AGENCY, COMP.

ST( )

JAPANESE* 00/00/74 PGS 1-776 EPA
ALSO PMB/*ENGLISH SUMMARIES ID# 03445A
*AIR WATER TOXIC SUBS NOISE SOLID WASTE

RADIATION

EUROPEAN COMMUNITIES

"HOW EUROPE PROTECTS US AGAINST RADIATION." LE SOIR
PONCIN, JACQUES

LR(B)

FRENCH 12/20/75 PGS 5 EPA
ID# 03438A

THIS ARTICLE, ON THE PROTECTION OF WORKERS AND THE GENERAL PUBLIC FROM THE NOXIOUS EFFECTS OF IONIZING RADIATION, DISCUSSES THE PROCEDURES USED BY THE EUROPEAN COMMUNITIES IN THE ESTABLISHMENT OF SAFETY STANDARDS. THE EURATOM TREATY IS RESPONSIBLE FOR GRANTING THE EC AUTHORITY OVER THESE MATTERS. ACCORDINGLY, IT IS THE EC WHICH DETERMINES SUITABLE STANDARDS, ENSURES THAT THESE STANDARDS ARE INCORPORATED WITHIN THE LEGISLATION OF THE VARIOUS MEMBER STATES, ESTABLISHES CONTROL PROCEDURES, AND SEES TO IT THAT THESE PROCEDURES ARE OBSERVED BY THE MEMBER STATES. THE STANDARDS, HOWEVER, ARE STATED TO HAVE BEEN NON-SCIENTIFICALLY, OR RANDOMLY, SELECTED DUE TO A LACK OF INFORMATION ON THE LONG TERM EFFECTS OF RADIATION. EC EXPERTS ARE SAID TO BE CALLING FOR A REVIEW OF EXISTING STANDARDS IN VIEW OF NEW DATA ON THE POSSIBLE INTAKE AND CONCENTRATION OF RADIOACTIVE PARTICLES IN VARIOUS ORGANISMS AND MAN. A COUNCIL OF MINISTERS VOTE ON THIS SUBJECT IS EXPECTED TO TAKE PLACE SHORTLY.

GERMANY,FED REP OF — "JULY 15, 1975 THIRD LAW TO AMEND THE ATOMIC ENERGY LAW." BUNDESGESETZBLATT
LR(A) — GERMAN — 07/17/75 PGS 1885-1894 — EPA ID# 00693K

THIS AMENDMENT DEFINES RADIOACTIVE SUBSTANCES FOR PURPOSES OF THE LAW AS NUCLEAR FUELS AND OTHER SUBSTANCES WHICH EMIT SPONTANEOUS IONIZING RAYS. SECTION 7 REQUIRES THE BUILDER, OPERATOR OR MANAGER OF A STATIONARY FACILITY FOR THE PROCESSING, PREPARATION OR SPLITTING OF NUCLEAR FUELS TO OBTAIN A PERMIT. SECTION 12 EMPOWERS THE CABINET, WITH THE APPROVAL OF THE FEDERAL COUNCIL, TO ADOPT DECISIONS OF THE STEERING COMMITTEE OF THE EUROPEAN ATOMIC ENERGY AGENCY. OTHER MAJOR SECTIONS DEAL WITH INSURANCE AND THE LIMITS OF FINANCIAL LIABILITY FOR NUCLEAR ACCIDENTS ON THE PART OF NUCLEAR FACILITY AND REACTOR SHIP OPERATORS AND PERSONS TRANSPORTING NUCLEAR MATERIALS ACROSS NATIONAL BORDERS. THE MAXIMUM FINANCIAL LIABILITY FOR AN ACCIDENT BY AN INSTALLATION, THE EXTENT TO WHICH A FACILITY IS EXEMPT OF FINANCIAL RESPONSIBILITY AND THE NATURE OF THE FINANCIAL GUARANTEE BY THE FEDERAL GOVERNMENT AND THE INDIVIDUAL STATES ARE SET. (ALSO ATTACHED IS THE DEC. 19, 1975 LAW TO AMEND THIS THIRD LAW.)

GERMANY,FED REP OF — "CENTRAL LOCATION FOR RADIOACTIVE WASTES." FRANKFURTER ALLGEMEINE ZEITUNG
LR(B) — GERMAN — 01/09/76 PGS 4 — EPA ID# 03408A

THE FEDERAL CABINET IS PREPARING A FOURTH AMENDMENT TO THE ATOMIC ENERGY LAW, WHICH WOULD PROVIDE FOR THE DEPOSITING OF ALL FUTURE RADIOACTIVE WASTES IN THE FEDERAL REPUBLIC OF GERMANY AT A CENTRAL "WASTE DISPOSAL PARK." THE AMENDMENT WOULD INTRODUCE FEDERAL JURISDICTIONAL RESPONSIBILITY FOR THE PARK AND EMPOWER THE GOVERNMENT TO ISSUE SAFETY REGULATIONS. THE PARK WOULD CONTAIN A COMMERCIAL REPROCESSING PLANT AND UNDERGROUND STORAGE FOR RADIOACTIVE WASTES. THE ESTIMATED COST OF THE REPROCESSING PLANT IS 3.5 MILLION MARKS, WHICH THE GOVERNMENT BELIEVES NUCLEAR POWER PLANT OPERATORS SHOULD PAY IN LINE WITH THE "POLLUTER PAYS PRINCIPLE." THE GOVERNMENT WOULD ADVANCE 1.5 BILLION MARKS FOR THE SUBTERRANEAN STORAGE AREAS AND RECOVER THE FUNDS THROUGH USE FEES. THE LOCATION OF THE PARK HAS NOT YET BEEN DETERMINED. THE GOVERNMENT BELIEVES THE PARK WOULD REDUCE RISKS ASSOCIATED WITH WASTE DISPOSAL.

OECD — "THE STORAGE OF RADIOACTIVE WASTES." NEUE ZUERCHER ZEITUNG
PM(B) — GERMAN — 12/17/75 PGS 7 — EPA ID# 03471A

THIS ARTICLE REPORTS THAT STORAGE OF RADIOACTIVE WASTES IN GEOLOGICAL FORMATIONS ISOLATED FROM CIRCULATING GROUNDWATER WAS HELD TO BE THE MOST PRACTICAL AND SAFEST MODE OF DISPOSAL BY REPRESENTATIVES OF ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD) COUNTRIES AT A MEETING IN DECEMBER IN CLAUSTHAL-ZELLERFELD (HARZ REGION OF THE FEDERAL REPUBLIC OF GERMANY). THOSE PRESENT AGREED THAT A SYSTEMATIC INVESTIGATION TO LOCATE AND DETERMINE THE COMPOSITION OF SUITABLE GEOLOGICAL FORMATIONS SHOULD BE MADE AS QUICKLY AS POSSIBLE TO MEET THE NEED FOR PLACES TO DISPOSE OF STEADILY INCREASING QUANTITIES OF RADIOACTIVE WASTES. THE MEETING INCLUDED AN EXCHANGE OF INFORMATION ON MEASURES ALREADY TAKEN OR BEING STUDIED OR PLANNED FOR THE DISPOSAL OF SUCH WASTES IN THE INDIVIDUAL OECD COUNTRIES.

FRANCE

"FACTORY WASTE BINS." LE MONDE

LR(B)

FRENCH 03/06/76 PGS 36 EPA
ALSO PMB ID# 03428A
TOXIC SUBS

ARTICLE 9 OF THE JULY 15, 1975 FRENCH LAW ON WASTES STIPULATES THAT ALL PRODUCERS OR HOLDERS OF WASTES BE HELD LIABLE FOR THE DISPOSAL OF THESE WASTES OR FOR INSURING THAT THE WASTES BE DISPOSED OF BY ANOTHER PARTY. ARTICLE 9 FURTHER STIPULATES THAT CERTAIN WASTES BE TREATED ONLY IN DULY CERTIFIED INSTALLATIONS. THE DIFFICULTIES WHICH THESE PROVISIONS ARE REPORTED TO HAVE CREATED FOR THE SMALLER INDUSTRIES WITHOUT INDEPENDENT TREATMENT FACILITIES HAVE PROMPTED THE PARIS CHAMBER OF COMMERCE AND INDUSTRY TO UNDERTAKE AN INVENTORY OF EXISTING DISCHARGE AND TREATMENT FACILITIES IN THE PARIS AREA. THE STUDY, WHICH SHOULD BE MADE AVAILABLE IN A FEW MONTHS' TIME, WILL INDICATE THE LOCATION, TYPE OF OPERATION AND COST OF TREATMENT FOR EACH OF THE INVENTORIED INSTALLATIONS, AS WELL AS AVAILABLE SITES FOR FUTURE INSTALLATIONS.

FRANCE

"65 MILLION TO FIGHT NOISE AND AIR POLLUTION." LE FIGARO
SCHWEITZER, GENEVIEVE

SE( )

FRENCH 12/11/75 PGS 9 EPA
*GENERAL AIR WATER NOISE ID# 03439A

GERMANY,FED REP OF

"JULY 29, 1974 ORDINANCE ON THE RECORDING OF WASTES (WASTE RECORDING ORDINANCE)." BUNDESGESETZBLATT

LR(A)

GERMAN 07/31/74 PGS 1574-1580 EPA
ID# 00114H

ISSUED PURSUANT TO THE 1972 WASTE DISPOSAL LAW, THE ORDINANCE REQUIRES THE POSSESSOR OF WASTES THAT CANNOT BE REMOVED WITH HOUSEHOLD WASTES TO KEEP A RECORD BOOK AND RELATED VOUCHERS AS TO THE NATURE, QUANTITY, ORIGIN AND DISPOSAL OF THE WASTES, PROVIDED THAT THE COMPETENT LOCAL AUTHORITIES ALSO REQUIRE THE MAINTENANCE OF SUCH RECORDS. UNDER GIVEN CIRCUMSTANCES, THE WASTES IN QUESTION MAY INCLUDE SEWAGE, CLARIFICATION SLUDGE, FECAL MATERIAL AND OTHER SUBSTANCES USED AS FERTILIZERS. THE PRODUCER, THE COLLECTOR/TRANSPORTER AND THE OPERATOR OF THE WASTE REMOVAL FACILITY ARE ALL REQUIRED TO KEEP RECORD BOOKS AND TO VERIFY THE INVENTORY SHEETS AND WAYBILLS INCLUDED IN THE BOOKS IN A SPECIFIED FASHION AT EACH STAGE OF THE WASTE DISPOSAL PROCESS. RECORD BOOKS ARE TO BE KEPT FIVE YEARS AFTER THE DATE OF THE LAST ENTRY. APPENDIXES TO THE ORDINANCE PROVIDE MODELS OF THE SHEETS TO BE MAINTAINED.

GERMANY,FED REP OF "JULY 29, 1974 ORDINANCE ON THE COLLECTION AND TRANSPORT OF WASTES (WASTE TRANSPORT ORDINANCE)." BUNDESGESETZBLATT

LR(A) GERMAN 07/31/74 PGS 1581-1583 EPA ID# 00114J

ISSUED PURSUANT TO SECTION 12, PARAGRAPH 3 OF THE 1972 WASTE DISPOSAL LAW, THE ORDINANCE ESTABLISHES THE PROCEDURE AND THE FEE SCHEDULE FOR OBTAINING A PERMIT TO COLLECT OR HAUL WASTES. A PERMIT MAY BE OBTAINED FOR A SINGLE INSTANCE OR FOR REPEATED COLLECTION OR CONVEYANCE OF WASTE OVER A SPECIFIED OR AN INDEFINITE TIME PERIOD. AN APPLICATION FORM, WHICH CONFORMS TO AN APPENDED MODEL, IS TO BE SUBMITTED TO THE COMPETENT AUTHORITIES. PRIOR TO APPROVAL, THE AUTHORITIES MAY REQUIRE ADDITIONAL SUPPORTIVE DATA, SUCH AS PERSONAL IDENTIFICATION OR PASSPORT, PROOF OF ADEQUATE INSURANCE COVERAGE, OR VARIOUS PERMITS REQUIRED UNDER OTHER LAWS. THE APPLICATION FORM ITSELF DEMANDS INFORMATION ABOUT THE NATURE AND SOURCE OF THE WASTE, THE PLACE OF DISPOSAL, THE COLLECTOR AND APPLICANT.

GERMANY,FED REP OF "JULY 29, 1974 ORDINANCE ON THE IMPORT OF WASTES (WASTE IMPORT ORDINANCE)." BUNDEGESETZBLATT

LR(A) GERMAN 07/31/74 PGS 1584-1589 EPA ID# 00114K

PURSUANT TO SECTION 13, PARAGRAPH 5 OF THE 1972 WASTE DISPOSAL LAW, THE ORDINANCE SETS UP THE PROCEDURES AND A SCHEDULE OF FEES FOR OBTAINING A PERMIT TO BRING SOLID WASTE INTO THE FEDERAL REPUBLIC. AN APPLICATION CONFORMING TO THE APPENDED SAMPLE AND CONTAINING INFORMATION ABOUT THE NATURE, SOURCE AND DESTINATION OF THE WASTE BEING TRANSPORTED IS TO BE SUBMITTED TO THE RELEVANT AUTHORITIES. A CERTIFICATION FROM THE OPERATOR OF THE WASTE REMOVAL FACILITY FOR WHICH THE WASTE IS DESTINED MUST ACCOMPANY THE APPLICATION. THE NATURE AND COMPOSITION OF THE WASTE IS TO BE VERIFIED BY ANALYSIS UNLESS THE ANALYSIS IS WAIVED BY THE AUTHORITIES. PERMITS MAY BE ISSUED FOR A SINGLE SHIPMENT OR FOR SEVERAL SHIPMENTS OVER A SPECIFIED PERIOD OF TIME. A COPY OF THE PERMIT MUST BE PRESENTED TO CUSTOMS AUTHORITIES WHEN THE SHIPMENT ENTERS THE COUNTRY.

GERMANY,FED REP OF "ENVIRONMENTAL PROTECTION IN THE POTASH INDUSTRY - PAST, PRESENT, AND FUTURE." ENVIRONMENT CANADA TRANSLATION DOENV TR-910
HENNE, HANS

PM(B) ENGLISH 00/00/75 PGS 1-33 EPA ID# 03419A
ALSO LRB
*WATER AIR NOISE

GERMANY,FED REP OF

"PLACED IN DISCUSSION - IMPLEMENTATION DEFICIT ON THE PART OF THE AUTHORITIES." WASSER, LUFT UND BETRIEB, VOL. 19, NO. 1

PM(B)

GERMAN 11/00/75 PGS 662-663 EPA ID# 03446A

THIS ARTICLE DEALS WITH THE STATUS OF SPECIAL WASTE REMOVAL IN THE GERMAN FEDERAL STATE OF NORTH RHINE-WESTPHALIA. THE JUNE 7, 1972 LAW ON THE DISPOSAL OF WASTES MAKES THE DISTRICTS (KREISE) AND DISTRICT-FREE CITIES RESPONSIBLE FOR THE COLLECTION AND DISPOSAL OF SOLID WASTES BUT ALLOWS THEM TO LEAVE DISPOSAL OF "SPECIAL WASTES" FROM COMMERCE AND INDUSTRY TO THE WASTE PRODUCERS. THE LAW DIRECTS THE FEDERAL STATES TO ESTABLISH SUPRA-REGIONAL PLANS FOR SOLID WASTE REMOVAL WITH SPECIAL EMPHASIS ON SPECIAL WASTES. THE FEDERAL STATES OF BAVARIA, HESSE, SAARLAND, BADEN-WUERTTEMBERG, LOWER SAXONY, AND HAMBURG HAVE DEVELOPED SUPRA-REGIONAL PLANS PROVIDING FOR DUMPING SITES AND REMOVAL FACILITIES FOR SPECIAL WASTES, BUT NORTH RHINE-WESTPHALIA, WITH THE HIGHEST CONCENTRATION OF INDUSTRY IN THE FEDERAL REPUBLIC, HAS NOT DEVELOPED SUCH PLANS, CREATING MANY DISPOSAL PORBLEMS FOR INDUSTRY. THE AUTHOR ASKS FOR SOME SUPRA-REGIONAL ARRANGEMENTS FOR SPECIAL WASTES. NORTH RHINE-WESTPHALIA IS DEVELOPING A STATE RESIDENTIAL WASTE REMOVAL PLAN.

JAPAN

ENVIRONMENTAL RESEARCH IN JAPAN, 1973
JAPAN. ENVIRONMENT AGENCY, COMP.

ST( )

JAPANESE* 00/00/74 PGS 1-776 EPA ID# 03445A
ALSO PMB/*ENGLISH SUMMARIES
*AIR WATER TOXIC SUBS NOISE PESTICIDES

OECD

"ENVIRONMENTAL POLLUTION BY THE PULP AND PAPER INDUSTRY." ENVIRONMENT CANADA TRANSLATION OOENV-914
PLOETZ, TH.

PM(B)

ENGLISH 00/00/75 PGS 1-20 EPA ID# 03411A
ALSO SE
*WATER AIR

SWEDEN

"DECEMBER 13, 1974 ROYAL ORDINANCE ON SANITATION." SVENSK FORFATTNINGSSAMLING 1974:1024

LR(A)

SWEDISH 00/00/74 PGS 1-2 EPA ID# 03452A

THIS ORDINANCE, MADE IN PURSUANCE OF THE SANITATION LAW (1970:892), REQUIRES THE LOCAL AUTHORITIES TO CONSIDER HEALTH AND ENVIRONMENTAL ASPECTS WHEN PLANNING THE COLLECTION OF DIRT AND REFUSE. REFUSE, WITH THE EXCEPTION OF VOLUMINOUS WASTE, DISCARDED MEDICINE, AND REMAINDERS OF OIL, CHEMICALS, AND SIMILAR SUBSTANCES, CAN BE PICKED UP AT A PLACE OTHER THAN THE PREMISES WHERE IT ORIGINATED IF: 1) THE COSTS INVOLVED DECREASE IN THIS MANNER, 2) NO ENVIRONMENTAL OR OTHER GENERAL INCONVENIENCE RESULTS AND 3) THE PROPRIETOR HAS AGREED TO MOVE REFUSE FROM HIS PROPERTY TO THE COLLECTION SITE HIMSELF. A PROPERTY OWNER CAN APPLY TO HAVE REFUSE COLLECTED FROM TWO OR THREE CLOSE-BY PROPERTIES IN A JOINT CONTAINER. IF THE PUBLIC HEALTH BOARD HAS GRANTED PERMISSION FOR A PROPRIETOR FOR FINAL DISPOSAL OF WASTE FROM HIS OWN PREMISES, THE LOCAL AUTHORITIES ARE NO LONGER RESPONSIBLE FOR TRANSPORTATION.

SOLID WASTE

SWITZERLAND

"A CONCEPT FOR MULTI-COMPONENT DUMPS." NEUE ZUERCHER ZEITUNG

PM(B)

GERMAN 12/20/75 PGS 37 EPA ID# 03425A

ACCORDING TO THIS ARTICLE, THE ZURICH CANTON COUNCIL HAS APPROVED A CANTONAL BUILDING DIRECTORATE PLAN FOR A SYSTEM OF 12 REGIONAL MULTI-COMPONENT DUMPS FOR WASTE MATERIALS THAT CANNOT BE RECYCLED, INCINERATED OR OTHERWISE REMOVED. THE PLAN, TO BE SUBMITTED TO THE MUNICIPALITIES AND OTHER INVOLVED GROUPS SOON, MEETS THE DEMANDS OF ENVIRONMENTAL PROTECTION AND COST FEASIBILITY. UNDER ZURICH CANTONAL LAW, THE CONSTRUCTION AND OPERATION OF DUMPS IS THE SOLE RESPONSIBILITY OF THE MUNICIPAL JURISDICTIONS. THIS PLAN IS THEREFORE MERELY A SERVICE TO THE COMMUNITIES PROVIDED BY THE CANTON. UNDER THE INTRODUCTORY LAW TO THE FEDERAL WATER PROTECTION LAW, HOWEVER, THE CANTONAL COUNCIL COULD STIPULATE THE LOCATION AND COLLECTION ZONE FOR REGIONAL DUMPS IF THE MUNICIPALITIES WERE UNABLE OR REFUSED TO ESTABLISH DUMPS IN SPITE OF COMPELLING NEED FOR THE FACILITIES.

SWITZERLAND

"ENVIRONMENTAL PAPER OF THE SECOND GENERATION." NEUE ZUERCHER ZEITUNG

ST( )

GERMAN 01/11/76 PGS 19 EPA ID# 03406A
ALSO PMB
WATER

BALLOTS FOR THE SEPTEMBER 7, 1975 PLEBISCITE IN SWITZERLAND WERE MADE OF COMPLETELY RECYCLED PAPER. THEY THUS SYMBOLIZED ECOLOGICAL, ENVIRONMENTAL AND ECONOMIC ADVANCES IN THE SWISS PAPER INDUSTRY. TRADITIONALLY PAPER FACTORIES USE LARGE QUANTITIES OF TIMBER, ELECTRICAL ENERGY AND WATER AND PRODUCE HUGE QUANTITIES OF WASTEWATER. MAKING PAPER EXCLUSIVELY FROM USED PAPER SAVES RAW MATERIALS AND ALSO REQUIRES ABOUT THREE TIMES LESS ENERGY AND FROM 155 TO 244 TIMES LESS WATER THAN TRADITIONAL PAPER PRODUCTION. A WATER CIRCULATION PROCESS DEVELOPED BY THE STOECKLIN FACTORY COMPLETELY RECYCLES WATER IN ITS PRODUCTION OF "ENVIRONMENTAL PAPER." THESE PROCESSES ASSUME SPECIAL SIGNIFICANCE IN LIGHT OF THE FACT THAT ABOUT ONE MILLION TONS OF PAPER A YEAR ARE PRODUCED IN SWITZERLAND AND APPROXIMATELY ONE-THIRD OF THE ESTIMATED 1.5 BILLION TONS OF SWISS RESIDENTIAL WASTE IS COMPOSED OF BOX AND PAPER RESIDUES.

TOXIC SUBS

BELGIUM

"DUMPING OF TOXIC SUBSTANCES: 1974 EMERGENCY LAW REMAINS UNIMPLEMENTED."
LE SOIR
HAQUIN, RENE

LR(B)

FRENCH 01/30/76 PGS 1, 4 EPA ID# 03415A

THE BELGIAN LAW ON TOXIC WASTES, WHICH WAS ENACTED ON JULY 22, 1974 TO PROSCRIBE THE UNAUTHORIZED DEPOSIT OF SUCH WASTES AND TO REGULATE THEIR TREATMENT, HAS REMAINED INEFFECTIVE DUE TO A LACK OF IMPLEMENTING LEGISLATION. THIS ARTICLE EXAMINES THE REASONS FOR THE DELAY IN IMPLEMENTATION, ATTRIBUTING THE CAUSE TO THE MULTIPLICITY OF MINISTRIES CONCERNED, WHICH INCLUDE THE MINISTRIES OF PUBLIC HEALTH, TRANSPORTATION, FINANCES, ECONOMIC AFFAIRS, PUBLIC AFFAIRS, AND AGRICULTURE, IN ADDITION TO THE MINISTRY OF LABOR AND EMPLOYMENT ORIGINALLY RESPONSIBLE FOR THE LAW'S INTRODUCTION. IMPLEMENTING ORDERS AND REGULATIONS, WHICH ARE REPORTED TO BE READY FOR PUBLICATION IN THE OFFICIAL GOVERNMENT GAZETTE, HAVE STILL TO OBTAIN THE APPROVAL OF THE CONCERNED MINISTERS.

BELGIUM

LR(B)

"CROWN DECREE FINALLY REGULATES TOXIC WASTES." LE SOIR
PONCIN, JACQUES
FRENCH
02/12/76 PGS 1,8 EPA
ID# 03416A

A DECREE GOVERNING THE TRAFFIC IN AND POSSESSION AND DESTRUCTION OF TOXIC WASTES IN BELGIUM HAS RECEIVED THE APPROVAL OF THE CROWN. DISCUSSED IN THIS ARTICLE ARE THE VARIOUS PROVISIONS OF THE DECREE WHICH DEFINE THE RESPONSIBILITIES OF THE HOLDER AND REGULATE THE MEANS OF TRANSPORTATION AND DESTRUCTION FOR SUCH WASTES. INCLUDED IN THE ARTICLES OF THE DECREE ARE: A DEFINITION OF TOXIC WASTES, ALONG WITH A LIST OF PRODUCTS SPECIFICALLY CITED AS BELONGING TO THIS CATEGORY; AUTHORIZATION REQUIREMENTS FOR THE DESTRUCTION OF TOXIC WASTES; AND MANDATORY DECLARATION PROCEDURES FOR THE POSSESSION, SALE, RELEASE, ACQUISITION, IMPORT AND EXPORT OF ALL SUCH WASTES. IN A FINAL ARTICLE THE CROWN ENTRUSTS THE IMPLEMENTATION OF THE VARIOUS PROVISIONS TO SEVEN OF THE BELGIAN MINISTRIES.

CANADA

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"NON-POLLUTING USE FOUND FOR WASTE LUBRICATING OIL." ENVIRONMENT CANADA PRESS RELEASE
CANADA. ENVIRONMENT CANADA
ENGLISH
10/28/75 PGS 1 3 ST EPA
ID# 03421A

A JOINT STATEMENT ISSUED BY THE CANADIAN ENVIRONMENT MINISTER JEANNE SAUVE, ENERGY MINISTER ALASTAIR GILLESPIE, AND ONTARIO ENVIRONMENT MINISTER GEORGE KERR ANNOUNCES THE DISCOVERY OF A NON-POLLUTING USE FOR WASTE LUBRICATING OIL. USED LUBRICATING OIL THAT CAUSED PERSISTENT POLLUTION PROBLEMS WHEN DUMPED INTO SEWER SYSTEMS OR SPRAYED ON GRAVEL ROADS, HAS BEEN FOUND TO BE A SUITABLE FUEL FOR THE CEMENT INDUSTRY. INVESTIGATIONS CARRIED OUT BY ENVIRONMENT CANADA AND THE ONTARIO MINISTRY OF THE ENVIRONMENT HAVE REVEALED THAT THE POLLUTION PROBLEMS INHERENT IN BURNING USED LUBRICATING OIL OR DISPOSING OF IT BY OTHER MEANS CAN BE AVOIDED BY USING IT AS A SUPPLEMENTARY FUEL TO FIRE CEMENT KILNS. THIS CURRENT FORM OF WASTE COULD SUPPLY 15 PERCENT OF THE FUEL REQUIREMENTS OF THE CANADIAN CEMENT INDUSTRY, ALTHOUGH A NUMBER OF DRAWBACKS PREVENT ITS USE AS A FUEL FOR DOMESTIC AND COMMERCIAL HEATING.

FRANCE

LR(B)

"FACTORY WASTE BINS." LE MONDE

FRENCH
ALSO PMB 03/06/76 PGS 36 EPA
*SOLID WASTE ID# 03428A

INTERNATIONAL

"COLOMBIA AND VENEZUELA AGREE ON MEASURES TO PREVENT THE SALE OF PROHIBITED PESTICIDES." EL UNIVERSAL

LR(B) SPANISH 11/09/75 PGS 2/5 EPA ID# 03430A
ALSO PMB
*PESTICIDES WATER

JAPAN

ENVIRONMENTAL RESEARCH IN JAPAN, 1973
JAPAN. ENVIRONMENT AGENCY, COMP.

ST( ) JAPANESE* 00/00/74 PGS 1-776 EPA ID# 03445A
ALSO PMB/*ENGLISH SUMMARIES
*AIR WATER NOISE SOLID WASTE PESTICIDES

WATER

BELGIUM

"APRIL 28, 1975 MINISTERIAL DECREE ON THE DESIGNATION OF AGENTS TO PERFORM SAMPLING OPERATIONS AND DETERMINE INFRACTIONS OF THE 1971 LAW." MONITEUR BELGE

LR(A) FRENCH 06/04/75 PGS 7099-7100 EPA ID# 00549H

THIS MINISTERIAL DECREE, ISSUED IN PURSUANCE OF THE MARCH 1971 LAW ON THE PROTECTION OF SURFACE WATERS FROM POLLUTION, DESIGNATES THE FOLLOWING OFFICIALS AS COMPETENT TO PERFORM THE NECESSARY CONTROL SAMPLING OPERATIONS AND TO ESTABLISH AND RECORD INFRACTIONS OF THE LAW: THE DIRECTORS OF ALL WATER PURIFICATION FIRMS, THE DIRECTOR OF THE INSTITUTE OF HEALTH WITHIN THE MINISTRY OF PUBLIC HEALTH, AND THE AGENTS OPERATING IN A SUPERVISORY CAPACITY WITHIN PUBLIC ADMINISTRATIONS RESPONSIBLE FOR THE MANAGEMENT OF WATERS WHICH ARE SUBJECT TO THE PROVISIONS OF THE LAW.

BERMUDA

"THE OIL POLLUTION ACT 1973." PUBLIC ACTS, 1973

LR(A) ENGLISH 00/00/73 PGS 253-260 EPA ID# 03413A

THIS ACT, ISSUED FOR THE PREVENTION AND REDUCTION OF SEA WATER OIL POLLUTION BY THE BERMUDIAN LEGISLATIVE COUNCIL AND HOUSE OF ASSEMBLY, PROHIBITES ALL DISCHARGES OF OIL, OR ANY MIXTURE THEREOF, INTO THE WATERS OF BERMUDA. IN ADDITION, THE ACT LISTS A NUMBER OF EXCEPTIONS OR SPECIAL DEFENSES FOR JUSTIFIABLE VIOLATIONS AND SETS FORTH PENALTIES FOR UNJUSTIFIABLE OFFENSES. THE MINISTER OF MARINE AND AIR SERVICES IS CHARGED WITH THE IMPLEMENTATION OF THE LAW.

BRAZIL

"JANUARY 15, 1976 REGULATIONS ON WATER CLASSIFICATION..." DIARIO OFICIAL, NO. 16

LR(A) PORTUGUESE 01/23/76 PGS 1076-77 EPA ID# 03046E

PURSUANT TO ENVIRONMENTAL LEGISLATION, THE BRAZILIAN MINISTER OF INTERIOR, UPON THE ADVICE OF THE SECRETARY OF THE ENVIRONMENT, HAS SIGNED INTO FORCE REGULATIONS ESTABLISHING THE FOLLOWING WATER CLASSIFICATIONS FOR THE INLAND WATERS OF BRAZIL: CLASS I WATERS ARE TO BE RESERVED EXCLUSIVELY FOR DOMESTIC SUPPLY; CLASS II WATERS ARE DESIGNATED FOR DOMESTIC SUPPLY AFTER CONVENTIONAL TREATMENT, FOR THE IRRIGATION OF FOOD CROPS, AND FOR SWIMMING; CLASS III WATERS ARE FOR DOMESTIC SUPPLY AFTER CONVENTIONAL TREATMENT, AND FOR SUSTAINING AQUATIC AND ANIMAL LIFE; AND CLASS IV WATERS MAY BE USED FOR DOMESTIC SUPPLY ONLY AFTER ADVANCED TREATMENT AND FOR COUNTRYSIDE USES, INDUSTRIAL SUPPLY, IRRIGATION AND LESS URGENT NEEDS. WATER QUALITY STANDARDS AND DISCHARGE EMISSION STANDARDS FOR EACH CLASS OF WATER ARE ALSO SPECIFIED. INDUSTRIES ARE REQUIRED TO REPORT ANNUALLY ON THE NATURE OF THEIR EFFLUENTS AND THE STATUS OF ANTI-POLLUTION MEASURES. FEDERAL AND STATE JURISDICIONS IN ENFORCING THESE REGULATIONS ARE ALSO SET FORTH.

BRAZIL

SOBRADINHO HYDROELECTRIC PROJECT ENVIRONMENTAL IMPACT RECONNAISSANCE
GOODLAND, ROBERT
PM(B) ENGLISH 09/00/73 PGS 1-105 EPA ID# 03467A
ALSO SE
LAND USE

THIS IMPACT REPORT, PREPARED BY THE CARY ARBORETUM OF THE NEW YORK BOTANICAL GARDEN, WAS COMMISSIONED BY THE SAO FRANCISCO RIVER HYDROELECTRIC COMPANY OF BRAZIL TO EXPOSE AND CONSIDER THE ENVIRONMENTAL CONSEQUENCES OF THE VAST SOBRADINHO HYDROELECTRIC DEVELOPMENT PROJECT PLANNED FOR NORTHEASTERN BRAZIL. THE DAMMING OF THE SAO FRANCISCO RIVER AT SOBRADINHO WILL CREATE THE SECOND LARGEST LAKE IN LATIN AMERICA. THIS REPORT PROVIDES A BRIEF DESCRIPTION OF EXISTING HUMAN AND NATURAL ENVIRONMENTS IN THE AFFECTED REGION AND ATTEMPTS TO IDENTIFY THE POSSIBLE ENVIRONMENTAL IMPACT OF THE PROJECT. IT ALSO MAKES RECOMMENDATIONS DESIGNED TO MINIMIZE ADVERSE CONSEQUENCES CAUSED BY: THE RESETTLEMENT OF SOME 70,000 RIPARIAN INHABITANTS; INCREASED POTENTIAL FOR WATER RELATED DISEASES AND SANITATION PROBLEMS; MODIFIED FLORA AND FAUNA HABITATS; CLIMATIC MODIFICATION; POSSIBLE WATERSHED DAMAGE; AND OTHER ENVIRONMENTAL PROBLEMS RELATED TO THE CREATION OF THE NEW LAKE.

BULGARIA

"JANUARY 20, 1976 DIRECTIVE NO. 68 ON THE DEGREE OF POLLUTION OF SURFACE WATERS." DURZHAVEN VESTNIK, NO. 6

LR(A) BULGARIAN 01/20/76 PGS 2 EPA ID# 01378C
ENGLISH TRANSLATION ATTACHED

THIS DIRECTIVE, ADMINISTERED BY THE BULGARIAN MINISTRY OF HEALTH AND MINISTRY OF FORESTS AND ENVIRONMENTAL PROTECTION, WAS PROMULGATED PURSUANT TO SECTION 26 OF THE REGULATION ON THE APPLICATION OF THE LAW ON THE PROTECTION OF AIR, WATER AND SOIL FROM POLLUTION (1963). IT SETS FORTH STANDARDS FOR THE MAXIMUM LIMITS OF THERMAL, CHEMICAL AND BIOLOGICAL POLLUTION OF THE THREE CATEGORIES OF SURFACE WATER IN BULGARIA AND STIPULATES THAT WASTEWATER DISCHARGES MUST NOT RAISE THE AMBIENT POLLUTION LEVELS OF RECEIVING WATERS ABOVE THESE MAXIMUM LIMITS. WHERE THE RECEIVING BODY OF WATER IS ALREADY POLLUTED TO A DEGREE EXCEEDING THE LIMITS OF ITS DESIGNATED CATEGORY, WASTEWATER DISCHARGES THEMSELVES MUST NOT EXCEED THE PRESCRIBED POLLUTION CONTENT OF THAT CATEGORY. POLLUTION SAMPLES MUST BE TAKEN IN AREAS WHERE RECEIVING AND DISCHARGE WATERS HAVE MIXED TOTALLY, AND ANALYTICAL METHODS ARE TO BE BASED ON STANDARDS OF THE STATE, CEMA OR THE MINISTRY OF HEALTH. MARINE QUALITY STANDARDS ARE TO BE BASED UPON THE NATURAL ATTRIBUTES OF SEA WATERS.

CANADA

THE CANADA WATER ACT. ANNUAL REPORT 1974-75
CANADA. ENVIRONMENT CANADA

PM(B) ENGLISH 00/00/75 PGS 1-29 EPA ID# 00521C
ALSO LRB

SECTION 35 OF THE CANADA WATER ACT REQUIRES THAT A REPORT ON THE OPERATIONS CARRIED ON UNDER THE ACT BE LAID BEFORE PARLIAMENT AS SOON AS POSSIBLE AFTER THE END OF EACH FISCAL YEAR. THIS, THE THIRD SUCH REPORT, COVERING OPERATIONS UP TO MARCH 31, 1975, OUTLINES THE MAIN PROVISIONS OF THE ACT AND DISCUSSES BRIEFLY SOME OF THE MORE IMPORTANT PROGRAMS UNDERTAKEN TO MEET THESE PROVISIONS. DETAILS ON THE WORKING OF FEDERAL-PROVINCIAL IMPLEMENTATION AGREEMENTS, PLANNING STUDIES AND OTHER COOPERATIVE ARRANGEMENTS ARE GIVEN AS WELL AS INFORMATION ON WATER QUALITY MANAGEMENT AND THE PROGRAM TO REGULATE NUTRIENT DISCHARGES INTO WATER. REORGANIZATION PROGRAMS, WATER RESOURCES RESEARCH AND OTHER ACTIVITIES TO IMPROVE FEDERAL WATER MANAGEMENT ARE ALSO CITED.

CANADA

"POLLUTION RESEARCH PROGRAM EXTENDED SECOND FIVE YEARS." ENVIRONMENT CANADA NEWS RELEASE, NO. 123
CANADA. ENVIRONMENT CANADA

PM(B) ENGLISH 04/13/76 PGS 1-3 EPA ID# 03420A
AIR

A RESEARCH PROGRAM TO REDUCE WATER AND AIR POLLUTION FROM THE CANADIAN PULP AND PAPER INDUSTRY HAS BEEN EXTENDED FOR A SECOND FIVE-YEAR TERM, ACCORDING TO AN ANNOUNCEMENT BY THE PARLIAMENTARY SECRETARY TO THE ENVIRONMENT MINISTER. INITIATED IN 1970 BY THE FEDERAL GOVERNMENT WITH THE COOPERATION OF THE PULP AND PAPER INDUSTRY, THE COOPERATIVE POLLUTION ABATEMENT RESEARCH PROGRAM IS PRESENTLY EXPECTED TO SUPPORT RESEARCH AMOUNTING TO A TOTAL OF $7.5 MILLION. THE PROGRAM HAS THUS FAR SUPPORTED MORE THAN 100 RESEARCH PROJECTS, MOST OF WHICH HAVE RESULTED IN VALUABLE KNOWLEDGE AND NEW TECHNOLOGY DIRECTLY APPLICABLE TO POLLUTION PROBLEMS. ADDITIONAL INFORMATION ON THE ORGANIZATION AND FINANCING OF PREVIOUS PROJECTS IS INCLUDED IN THE RELEASE.

PM(B)

THE BOD5 AND TOXICITY OF EFFLUENTS FROM SULPHITE PULPING FOR NEWSPRINT. TECHNOLOGY DEVELOPMENT REPORT EPS 4-WP-75-3
KJBES, D.J.,AND A. WONG
ENGLISH
ALSO ST
11/00/75 PGS 1-18
EPA
ID# 03462A

HIGH YIELD BISULFITE PULP MILLS, WHICH ARE INTEGRATED WITH MANY EASTERN CANADIAN NEWSPRINT OPERATIONS, ARE AN URGENT ENVIRONMENTAL PROBLEM IN CANADA BECAUSE OF THEIR ACUTELY TOXIC EFFLUENTS, WITH EXTREMELY HIGH ORGANIC LOADINGS. THIS REPORT DESCRIBES THE RESULTS OF AN EXPERIMENTAL PROGRAM, SPONSORED BY ENVIRONMENT CANADA AND CARRIED OUT AT THE PULP AND PAPER RESEARCH INSTITUTE OF CANADA, TO MEASURE THE TOXICITY AND FIVE DAY BIOCHEMICAL OXYGEN DEMAND (BOD5) OF LABORATORY PRODUCED SODIUM BASE BISULFITE PULPS COVERING A YIELD RANGE FROM 60 TO 80 PERCENT. STRENGTH CHARACTERISTICS OF THESE PULPS WERE ALSO DETERMINED IN ORDER TO FIND THE CRITICAL LEVEL OF YIELD GIVING THE PULP QUALITY STILL SUITABLE FOR NEWSPRINT PRODUCTION. SIGNIFICANT REDUCTION IN TOXICITY AND BOD5 LOADINGS ARE ACHIEVED BY INCREASING PULP YIELD, BUT IT IS NOT POSSIBLE TO COMPLY WITH ENVIRONMENT CANADA PULP AND PAPER EFFLUENT REGULATIONS SOLELY BY INCREASING YIELD.

CANADA

ST( )

ECOLOGICAL STUDIES OF AQUATIC ORGANISMS IN THE MACKENZIE AND PORCUPINE RIVER DRAINAGES IN RELATION TO SEDIMENTATION. TECHNICAL REPORT NO. 547
ROSENBERG, D.M. AND N.B. SNOW
ENGLISH
00/00/75 PGS 1-86
EPA
ID# 03410A

ISSUED BY THE FISHERIES AND MARINE SERVICE OF ENVIRONMENT CANADA, THIS TECHNICAL REPORT EXAMINES THE EFFECT OF INCREASED SEDIMENTATION ON AQUATIC LIFE IN NORTHERN CANADIAN WATERSHEDS. PART I OF THE REPORT DISCUSSES EFFECTS OF SEDIMENTATION IN GENERAL BY REVIEWING CURRENT LITERATURE ON THE NATURAL AND MAN-MADE SOURCES OF INCREASED SEDIMENTATION, THE MODE OF ACTION OF SUSPENDED AND SETTLED SEDIMENTS, EFFECTS OF FLORA AND FAUNA, SEDIMENT CONCENTRATIONS IN RELATION TO THE EFFECT ON AQUATIC LIFE AND THE NEEDS OF RESEARCH IN THIS AREA. PART II OF THE REPORT REPRESENTS DESCRIPTIVE CASE STUDIES ON NATURAL AND MAN-MADE OCCURENCES OF SEDIMENTATION, I.E. THE EFFECTS OF A MUDSLIDE AND TWO HIGHWAY CROSSINGS ON THE AQUATIC ORGANISMS OF FLOWING WATERS IN THE MACKENZIE AND PORCUPINE RIVER DRAINAGES. PART III DEVELOPS EXPERIMENTAL METHODS FOR SEDIMENTATION STUDY THROUGH THE ANALYSIS OF THE EFFECT OF CONTROLLED SEDIMENT ADDITION ON THE MACROINVERTEBRATE DRIFT IN THE HARRIS RIVER. FIGURES AND TABLES COMPLEMENT THE TEXT OF THE REPORT.

CANADA

THE EFFECTS OF CRUDE OIL ON THE COLONIZATION OF ARTIFICIAL SUBSTRATES BY ZOOBENTHOS ORGANISMS. TECHNICAL REPORT NO. 551
SNOW, N.B. AND D.M. ROSENBERG.

ST( )
ENGLISH 00/00/75 PGS 1-35 EPA ID# 03412A

ISSUED BY THE FISHERIES AND MARINE SERVICE OF ENVIRONMENT CANADA, THIS TECHNICAL REPORT STUDIES THE EFFECT OF CRUDE OIL ON SUBSTRATE COLONIZATION BY ZOOBENTHOS IN TWO MAJOR WATERSHED TYPES IN NORTHERN CANADA: LOW DISCHARGE, LOW SUSPENDED SEDIMENT SYSTEMS (SUCH AS THE TRAIL RIVER AND CARIBOU BAR CREEK) AND HIGH DISCHARGE, HIGH SUSPENDED SEDIMENT SYSTEMS (SUCH AS THE LAIRD RIVER AND THE MACKENZIE EAST CHANNEL). THE METHODOLOGY OF THIS EXPERIMENT CONSISTED OF SUSPENDING SIX ARTIFICIAL SUBSTRATE SAMPLERS, THREE DIPPED IN OIL AND THREE ACTING AS CONTROLS, IN THE DIFFERENT SUBJECT WATERCOURSES FOR VARYING LENGTHS OF TIME. THE DIVERSITY, DOMINANCE PATTERNS AND RESPONSES OF COLONIZING ZOOBENTHOS COLLECTING ON BOTH OIL-TREATED AND CONTROL SUBSTRATES ARE ANALYZED AND CORRELATED. RESULTS SHOWED A SIGNIFICANT EFFECT OF THE PRESENCE OF OIL ON COLONIZING ZOOBENTHOS IN ALL TESTED WATERSHEDS, SOME ZOOBENTHOS TYPES SHOWING A TOLERANCE TO OIL WHILE OTHERS DECREASED CONSIDERABLY DUE TO THE PRESENCE OF OIL.

CZECHOSLOVAKIA

"JUNE 16, 1972 ORDER NO. 35 ON THE PROTECTION OF WATERS AGAINST POLLUTION BY OIL." ZBIERKA ZAKONOV CESKOSLOVENSKA SOCIALISTICKA REPUBLIKA, NO. 13, 1972

LR(A)
CZECH 06/29/72 PGS 298-299 EPA ID# 03480A

PURSUANT TO THE 1955 LAW ON WATER RESOURCES, AS AMENDED BY LAW NO. 12 OF 1959, THIS ORDER WAS PROMULGATED BY THE MINISTRY OF FORESTRY AND WATER RESOURCES OF THE CZECH SOCIALIST REPUBLIC IN AGREEMENT WITH THE MINISTRY OF HEALTH AND OTHER COMPETENT AGENCIES OF THE CZECH SOCIALIST REPUBLIC. IT SETS FORTH MEASURES FOR ESTABLISHMENTS WHERE OIL IS HELD, STORED, PROCESSED OR SHIPPED TO ENSURE THE PREVENTION OF OIL LEAKAGES AND TO PREVENT POLLUTION OF SURFACE WATERS AND GROUNDWATER BY OIL. (A SIMILIAR TEXT HAS ALSO BEEN ENACTED FOR THE SLOVAK SOCIALIST REPUBLIC BY ORDER NO. 12 OF JANUARY 19, 1973, APPEARING IN ZBIERKA ZAKONOV CESKOSLOVENSKA SOCIALISTICKA REPUBLIKA, NO. 6 OF JANUARY 26, 1973.)

DENMARK

"FISHERMEN GET EQUIPMENT DESTROYED BY WASTE FROM OIL PLATFORMS." BERLINGSKE TIDENDE

LR(B)
DANISH 01/12/76 PGS 12(I) EPA ID# 03472A

THE DANISH MINISTRY OF THE ENVIRONMENT WANTS TO ESTABLISH THE DUMPING OF WASTE FROM OIL DRILLING PLATFORMS IN THE NORTH SEA AS A VIOLATION OF THE OSLO CONVENTION OF FEBRUARY 15, 1972 FOR THE PREVENTION OF MARINE POLLUTION BY DUMPING FROM SHIPS AND AIRCRAFT, ACCORDING TO THIS NEWSPAPER ARTICLE. NUMEROUS FISHERMEN HAVE HAD THEIR EQUIPMENT TOTALLY DAMAGED BY CHIPS OF METAL DUMPED INTO THE SEA, WITHOUT OBTAINING ANY FINANCIAL COMPENSATION. THE FISHERMEN HAVE NOW ASKED FOR THE MISISTRY'S AID SO THAT INDIVIDUAL FIRMS MIGHT BE HELD RESPONSIBLE. AT A MEETING IN LISBON ON OCTOBER 23, 1975, ALL OF THE COUNTRIES WHICH HAVE RATIFIED THE OSLO CONVENTION WERE ASKED TO SUBMIT RECOMMENDATIONS ON THIS MATTER.

EL SALVADOR

CERRON GRANDE HYDROELECTRIC PROJECT ENVIRONMENTAL IMPACT RECONNAISSANCE
GOODLAND, ROBERT
EPA
PM(B) ENGLISH 04/00/73 PGS 1-95 ID# 03455A
ALSO SE
LAND USE

THIS IMPACT REPORT, PREPARED BY THE CARY ARBORETUM OF THE NEW YORK BOTANICAL GARDEN, WAS COMMISSIONED BY THE EXECUTIVE COMMISSION OF THE LEMPA RIVER OF EL SALVADOR FOR SUBMISSION TO THE WORLD BANK IN ACCORDANCE WITH THE BANK'S POLICY REQUIRING ENVIRONMENTAL IMPACT ASSESSMENTS OF PROJECTS IT FINANCES IN DEVELOPING COUNTRIES. THE CERRON GRANDE HYDROELECTRIC PROJECT IS THE LARGEST IN CENTRAL AMERICA AND INVOLVES THE DAMMING OF THE INTERNATIONAL LEMPA RIVER. THE IMPACT REPORT POINTS OUT THE ENVIRONMENTAL REPERCUSSIONS OF THIS PROJECT INCLUDING AGRICULTURAL CONSEQUENCES, EFFECTS ON REGIONAL FLORA AND FAUNA, PUBLIC HEALTH EFFECTS, AND PROBLEMS RELATED TO THE RELOCATION OF INHABITANTS WHO WILL BE FLOODED OUT BY THE PROJECT. GENERAL RECOMMENDATIONS FOR COMMUNITY DEVELOPMENT AND WATERSHED MANAGEMENT ARE SET FORTH TO MINIMIZE THE ENVIRONMENTAL EFFECTS OF THE PROJECT AS WELL AS TO FURTHER PROMOTE THE ECONOMIC GROWTH OF THE REGION WITH CONTINUED FINANCIAL AID FORM INTERNATIONAL ORGANIZATIONS.

FINLAND

"WATER PROTECTION NOW COUNTRY-WIDE." HUFVUDSTADSBLADET
EPA
PM(B) SWEDISH 12/12/75 PGS 5 ID# 03477A

THIS NEWPAPER ARTICLE REPORTS THAT THE WATER PROTECTION SOCIETIES IN FINLAND NOW COVER ALMOST ALL WATER AREAS WITH THE EXCEPTION OF NORTHERN KARELIA AND SOUTHERN OSTERBOTTEN. MORE THAN 40 PERCENT OF THE MEMBERS ARE INDUSTRIES AND OVER 50 PERCENT ARE MUNICIPALITIES, BUT FISHING CLUBS AND AGRICULTURAL CENTERS AS WELL AS PRIVATE CITIZENS ARE ALSO REPRESENTED IN THE TWELVE SOCIETIES WHICH HAVE BEEN FOUNDED SINCE 1961. THE WATER PROTECTION SOCIETIES HAVE WORKED PRIMARILY WITH DISTRIBUTING INFORMATION, BUT IN RECENT YEARS RESEARCH HAS BECOME INCREASINGLY IMPORTANT AND FIVE OF THE SOCIETIES EVEN HAVE THEIR OWN WATER LABORATORIES. THE WATER SOCIETIES ALSO PROVIDE EXPERT KNOWLEDGE, FOR EXAMPLE, IN THE PLANNING OF HOW TO USE THE FINNISH WATERCOURSES UNDER THE JURISDICTION OF THE WATER COUNCIL. THE SOCIETIES, WHICH ARE FINANCED THROUGH MEMBERSHIP FEES AND MONEY EARNED FROM RESEARCH PROJECTS, ALSO ACT AS MEDIATORS WHEN CONFLICTS ARISE.

FRANCE

"INDUSTRIAL POLLUTION CONTROL AND BRANCH CONTRACTS." TECHNIQUES ET SCIENCES MUNICIPALES -- L'EAU -- TERRES ET EAUX, NO. 6
BOUCHARD, J.M.
EPA
LR(B) FRENCH 06/00/74 PGS 351-354 ID# 03417A
ALSO PMB

INDUSTRY BRANCH CONTRACTS HAVE BEEN ESTABLISHED IN FRANCE FOR THOSE INDUSTRY BRANCHES WHICH ARE REGARDED AS HEAVY POLLUTERS, YET WHICH, FOR FINANCIAL REASONS, HAVE NOT BEEN ABLE TO INSTALL THE NECESSARY ABATEMENT EQUIPMENT WITHIN THE DESIGNATED TIME PERIOD. THE CONTRACTS, WHICH ARE REPORTED TO HAVE BEEN ESTABLISHED IN PURSUANCE OF THE 1917 LAW ON CLASSIFIED ESTABLISHMENTS AND ITS IMPLEMENTING ORDERS ON DISCHARGE RESTRICTIONS, ARE GENERALLY DESCRIBED AS BEING COMPRISED OF A MEDIUM TERM PROGRAM OF POLLUTION REDUCTION, TOGETHER WITH SPECIAL FINANCE ARRANGEMENTS WITH THE MINISTRY OF THE ENVIRONMENT. DISCUSSED IN THE ARTICLE ARE THOSE CONTRACTS WHICH HAVE ALREADY BEEN CONCLUDED (PAPER PULP AND BEET ROOT SUGAR FACTORIES), AS WELL AS THE CONTRACTS STILL UNDER PREPARATION (DISTILLERIES, WOOL COMBING, YEAST AND STARCH FACTORIES).

FRANCE

"THE WATER BATTLE." TECHNIQUES ET SCIENCES MUNICIPALES -- L'EAU -- TERRES ET EAUX, NO. 6, 1974
SAGLIO, J.F.
LR(B) FRENCH 06/00/74 PGS 240-243 EPA
ALSO PMB ID# 03433A

THE DIRECTOR OF THE OFFICE FOR THE PREVENTION OF POLLUTION AND NUISANCES EXAMINES WATER PROTECTION IN FRANCE AND DISCUSSES THE ADMINISTRATIVE REORGANIZATION WHICH TOOK PLACE AS A RESULT OF THE 1964 WATER LAW. THIS REORGANIZATION AND REINFORCEMENT OF ADMINISTRATIVE MODES OF ACTION ADDED FINANCIAL INCENTIVES TO THE COERCIVE MEANS ALREADY AVAILABLE TO THE GOVERNMENT. THESE LATTER, HOWEVER, WERE RENDERED MORE EFFECTIVE THROUGH A COORDINATION OF THE ACTIVITIES OF THE VARIOUS GOVERNMENT DEPARTMENTS. REVIEWED BY THE AUTHOR IN THE ARTICLE IS THE STRATEGY WHICH WAS ADOPTED TO REDUCE POLLUTION AND PROTECT WATER RESOURCES, AS WELL AS THE STEPS TAKEN IN THE IMPLEMENTATION OF THIS STRATEGY.

FRANCE

"FIFTEEN DAYS OF PRISON FOR POLLUTING INDUSTRIALIST." LE FIGARO
LR(B) FRENCH 12/20/75 PGS 4 EPA
ID# 03440A

THIS ARTICLE REPORTS THAT, FOR THE FIRST TIME IN FRANCE, AN INDUSTRIALIST FOUND GUILTY OF POLLUTING HAS BEEN SENTENCED TO IMPRISONMENT WITH NO POSSIBILITY OF REMISSION. THE CRIMINAL COURT OF PONTOISE HAS CONDEMNED JEAN-YVES BRILLET, THE PRESIDENT AND GENERAL MANAGER OF THE RECAM COMPANY IN MAGNY-EN-VEXIN (VAL-D'OISE) TO 15 DAYS IMPRISONMENT FOR THE DESTRUCTION OF THE FLORA AND FAUNA IN THE AUBETTE RIVER OVER AN AREA OF 10 KILOMETERS. THE RECAM COMPANY HAD BEEN FINED ON SEVERAL PREVIOUS OCCASIONS FOR ITS LACK OF WASTEWATER TREATMENT FACILITIES.

FRANCE

"ENVIRONMENT: THREE URGENT BILLS." LE FIGARO
SCHWEITZER, GENEVIEVE
LR(B) FRENCH 01/15/76 PGS 6 EPA
ALSO PMB ID# 03459A
AIR

THIS ARTICLE EXAMINES THE DUTIES AND RESPONSIBILITIES WHICH CONFRONT ANDRE FOSSET, THE NEWLY APPOINTED FRENCH MINISTER FOR THE QUALITY OF LIFE, AND HIS STATE SECRETARY FOR THE ENVIRONMENT, PAUL GRANET, DURING THE YEAR 1976. CITED AS PRIORITIES ARE THREE GOVERNMENT APPROVED DRAFT LAWS SCHEDULED FOR DISCUSSION BY THE NATIONAL ASSEMBLY. THE FIRST OF THESE IS THE WELL KNOWN BILL ON THE PROTECTION OF NATURE, WHICH WOULD REQUIRE ECOLOGICAL IMPACT REPORTS PRIOR TO THE CONSTRUCTION OF MAJOR INSTALLATIONS. THE TWO OTHER BILLS CONCERN THE DISCHARGE OF WASTES AT SEA, WITH THE FIRST REGULATING THE INCINERATION OF SUCH WASTES AND THE SECOND ESTABLISHING A LIST OF SUBSTANCES, SUCH AS MERCURY, WHICH ARE TO BE PROHIBITED. IN THE AREA OF AIR POLLUTION, THE STATE SECRETARY IS EXPECTED TO CONSIDER THE PRESIDENTIAL PLAN FOR REGIONAL AIR AGENCIES, WHICH IS CLOSELY BASED ON THE SYSTEM OF OPERATION OF THE RIVER BASIN AGENCIES.

WATER

FRANCE

"SEA POLLUTION CONTROL -- ITS NATIONAL AND INTERNATIONAL ASPECTS."
TECHNIQUES ET SCIENCES MUNICIPALES -- L'EAU -- TERRES ET EAUX, NO. 6
LYS, J.
LR(B) FRENCH 06/00/74 PGS 355-64 EPA ID# 03466A
ALSO PMB

THE CREATION OF THE FRENCH INTERMINISTERIAL GROUP FOR PROBLEMS OF MARINE POLLUTION (GIPM) HAS RESULTED IN THE DEFINITION OF A NATIONAL AND INTERNATIONAL POLICY OF MARINE POLLUTION PREVENTION AND CONTROL. AFTER REVIEWING THE DIFFERENT TYPES OF POLLUTION ON FRENCH COASTS AND OUTLINING THE REQUIREMENTS FOR THE PROTECTION OF COASTAL AREAS, THE AUTHOR DISCUSSES A NUMBER OF MEASURES WHICH ARE LIKELY TO MODIFY OR SUPPLEMENT BOTH NATIONAL AND INTERNATIONAL LAWS AND REGULATIONS. HE FINALLY EXAMINES THE ROLE OF THE MINISTRY FOR THE ENVIRONMENT AND OF THE BASIN FINANCE AGENCIES IN THE PROTECTION OF THE SEA AND CONSIDERS CERTAIN OF THE SHORT TERM MEASURES WHICH ARE BEING CONTEMPLATED IN THIS AREA.

FRANCE

"RIVER WATER AND DRINKING WATER." TECHNIQUES ET SCIENCES MUNICIPALES --
L'EAU -- TERRES ET EAUX, NO.6
HALLOPEAU, J., AND B. VALLEE
PM(B) FRENCH 06/00/74 PGS 266-72 EPA ID# 03429A

AS A RESULT OF AN INCREASING DEMAND FOR DRINKING WATER, GREATER ATTENTION IS BEING PLACED ON THE PURIFICATION OF SURFACE WATERS. A CORRESPONDING EMPHASIS ON WATER QUALITY HAS GIVEN RISE TO POLLUTION MONITORING NETWORKS WHICH OPERATE ON A CONTINOUS BASIS TO DETECT CYCLICAL VARIATIONS IN WATER QUALITY OR UNPREDICTABLE RISES IN THE LEVEL OF POLLUTION. SUCH A MONITORING SYSTEM IS IN THE PROCESS OF BEING DEVELOPED IN SEVERAL SUBURBAN COMMUNITITES OUTSIDE OF PARIS. THE FIRST OBSERVATION POST TO BEGIN OPERATION IS LOCATED AT BORAN-SUR-OISE, UPSTREAM OF THE WATER SUPPLY PLANT OF MERY-SUR-OISE, AND INCLUDES AUTOMATIC SAMPLERS AND ANALYSERS, AS WELL AS A "TROUT TEST." DATA AND ALARM SIGNALS ARE RELAYED TO THE MERY PLANT BY MEANS OF A TELETRANSMISSION SYSTEM. AN EXTENSION OF THE MONITORING NETWORK IS EXPECTED TO INCREASE THE EXISTING NUMBER OF STATIONS ALONG THE RIVER.

FRANCE

"ANDRE JARROT: 'LET'S SAVE THE SEINE.'" LE FIGARO
SCHWEITZER, GENEVIEVE
PM(B) FRENCH 12/12/75 PGS 11 EPA ID# 03441A

THIS ARTICLE REPORTS ON "OPERATION SAVE THE SEINE," THE FRENCH MINISTER FOR THE QUALITY OF LIFE'S PROGRAM FOR REDUCING POLLUTION IN THE SEINE RIVER OVER A TEN YEAR PERIOD FROM CATEGORY NO. 4, THE MAXIMUM LEVEL OF POLLUTION, TO CATEGORY NO. 3, WHICH IS CHARACTERIZED BY CONSTANT HIGH DISSOLVED OXYGEN. ALTHOUGH A NUMBER OF THE MEASURES PROPOSED BY THE MINISTER HAVE ALREADY BEEN ADOPTED, THE OPERATION IS EXPECTED TO DRAW ATTENTION TO THE URGENCY OF THE WORK TO BE ACCOMPLISHED AND TO STIMULATE REGIONAL PREFECTS TO CONTRIBUTE MORE SIGNIFICANTLY TO THE FINANCING OF THIS WORK. MEASURES INCLUDE THE CONSTRUCTION OF LARGE SCALE PURIFICATION INSTALLATIONS FOR THE TREATMENT OF DOMESTIC WASTES AND THE EQUIPPING OF ALL INDUSTRIAL PLANTS WITH WASTEWATER TREATMENT FACILITIES.

FRANCE "TEN YEARS TO MAKE OISE CLEAN RIVER." LE FIGARO
SCHWEITZER, GENEVIEVE EPA
PM(B) FRENCH 12/27/75 PGS 4 ID# 03442A

THIS ARTICLE PROVIDES A PROGRESS REPORT ON THE FRENCH PROJECT, LAUNCHED IN 1973, FOR THE PURIFICATION OF THE OISE AND AISNE RIVERS, AS WELL AS THEIR TRIBUTARIES WITHIN THE SEINE-NORMANDY WATER BASIN. FUNDS AMOUNTING TO TWO BILLION FRANCS HAVE BEEN INVESTED IN THIS PROJECT, WHICH IS EXPECTED TO CONTINUE INTO 1985. IMPROVEMENTS IN WATER QUALITY WHICH ARE BEING REPORTED IN CERTAIN AREAS OF THE RIVERS ARE ATTRIBUTED TO THE 300 MILLION FRANCS IN PURIFICATION EQUIPMENT ALREADY IN OPERATION. A SEPARATE INSERT REVIEWS THE ROLES AND RESPONSIBILITIES OF THE BASIN FINANCE AGENCIES AS SET FORTH IN THE 1964 WATER LAW.

FRANCE "ASSOCIATIONS WILL BE CONSULTED ON PROBLEMS OF WATER." LE MONDE
AMBROISE-RENDU, MARC EPA
PM(B) FRENCH 01/22/76 PGS 26 ID# 03460A

THIS ARTICLE REPORTS THAT, IN ACCORDANCE WITH THE SPECIAL ORDERS OF THE FRENCH PRESIDENT, REPRESENTATIVES FROM NATIONAL ENVIRONMENTAL PROTECTION ORGANIZATIONS HAVE BEEN URGED TO PARTICIPATE IN THE ACTIVITIES OF THE SEINE-NORMANDY BASIN AGENCY. THE INVITATION WAS EXTENDED BY THE PRESIDENT OF THE BASIN COMMITTEE, WHICH ALREADY INCLUDES INDUSTRY REPRESENTATIVES AS WELL AS FISHERMEN, FARMERS AND GOVERNMENT OFFICIALS. BECAUSE THE 1964 LAW PROVIDING FOR THE ESTABLISHMENT OF THE BASIN COMMITTEES DID NOT FORESEE THE IMPACT OF CONSERVATION, REPRESENTATIVES FROM THESE ORGANIZATIONS ARE EXCLUDED FROM PARTICIPATING IN THE ACTUAL COMMITTEE BUT ARE BEING ENCOURAGED TO ENGAGE IN THE ACTIVITIES OF THE VARIOUS WORK GROUPS ON THE SUB-BASIN LEVEL. THIS NEW PRACTICE IS EXPECTED TO ALSO BE ADOPTED IN THE REMAINING FIVE FRENCH BASIN AGENCIES.

FRANCE "RHONE-MEDITERRANEAN-CORSICA BASIN AGENCY GRANTS 10.29 MILLION FRANCS
IN AID FOR PURIFICATION PROJECTS." PRESSE ENVIRONNEMENT, NO. 174
EPA
SE( ) FRENCH 01/16/76 PGS 11 ID# 03414A

THE ADMINISTRATIVE COUNCIL OF THE RHONE-MEDITERRANEAN-CORSICA RIVER BASIN AGENCY IS REPORTED TO HAVE AWARDED 10.29 MILLION FRANCS IN FINANCIAL ASSISTANCE TO 49 MUNICIPALITIES AND 20 INDUSTRIAL ESTABLISHMENTS. 6.42 MILLION OF THIS TOTAL WERE EXTENDED IN SUBSIDIES, WHILE THE REMAINING 3.87 MILLION CONSTITUTED CREDITS FOR VARIOUS WATER PURIFICATION PROJECTS. AMONG THE MOST SIGNIFICANT GRANTS MENTIONED WERE: 1,346,000 F TO AIME (SAVOIE); 669,000 F TO THE DISTRICT OF BASTIA; 840,000 F TO LUNEL (HERAULT); 801,000 F TO THE PURIFICATION ASSOCIATION FOR THE REGION OF THONON-LES-BAINS AND EVIAN-LES-BAINS (HAUTE-SAVOIE); AND 1,045,000 F TO AN AGRICULTURAL COOPERATIVE OF DISTILLERS IN BEZIERS (HERAULT). A PARTIAL BREAKDOWN OF THESE AMOUNTS ACCORDING TO PROJECTED USE IS PROVIDED IN THE ARTICLE.

FRANCE

SE( )

"65 MILLION TO FIGHT NOISE AND AIR POLLUTION." LE FIGARO
SCHWEITZER, GENEVIEVE
FRENCH 12/11/75 PGS 9 EPA
*GENERAL AIR SOLID WASTE NOISE ID# 03439A

GERMAN DEM REP

LR(A)

"DECEMBER 5, 1975 LAW ON THE ECONOMIC PLAN 1976." GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN REPUBLIK
GERMAN 12/08/75 PGS 737-745 EPA
*GENERAL ID# 03456A

GERMAN DEM REP

LR(A)

"OCTOBER 23, 1975 STATUTE OF THE MINISTRY FOR ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT. RESOLUTION OF THE COUNCIL OF MINISTERS." GESETZBLATT...(DDR)
GERMAN 11/20/75 PGS 699-702 EPA
*GENERAL ID# 03457A

GERMANY,FED REP OF

PM(B)

"ENVIRONMENTAL PROTECTION IN THE POTASH INDUSTRY - PAST, PRESENT, AND FUTURE." ENVIRONMENT CANADA TRANSLATION DOENV TR-910
HENNE, HANS
ENGLISH 00/00/75 PGS 1-33 EPA
ALSO LRB ID# 03419A
AIR NOISE SOLID WASTE

THIS REPORT DISCUSSES THE GERMAN POTASH INDUSTRY'S EFFORTS TO CONFORM TO THE REQUIREMENTS OF ENVIRONMENTAL PROTECTION. A BRIEF HISTORICAL SURVEY EXAMINES INITIAL ENACTMENTS TO BRING THE INDUSTRY UNDER GOVERNMENTAL RESTRICTION. A SECOND SECTION REVIEWS EXISTING MEANS OF POLLUTION CONTROL, CONSIDERING EFFLUENT AND WASTE DISPOSAL MEASURES, POLLUTANT EMISSION ABATEMENT, AND NOISE REDUCTION METHODS. A FINAL SECTION CONCERNS FUTURE LEGISLATIVE PLANS, DETAILING A SERIES OF NEW DRAFT LAWS WHICH ARE EXPECTED TO BRING NEW REQUIREMENTS TO THE POTASH INDUSTRY. (GERMAN LANGUAGE ORIGINAL CAN BE FOUND IN KALI UND STEINSALZ, VOL. 6, NO. 7, 1974.)

GERMANY,FED REP OF "THE ISAR WILL SUPPORT NO NEW POWER PLANTS." SUEDDEUTSCHE ZEITUNG

PM(B) GERMAN 01/14/76 PGS 13 EPA ID# 03475A

THIS NEWSPAPER ARTICLE STATES THAT THE BAVARIAN STATE OFFICE FOR WATER MANAGEMENT HAS COMPLETED A STUDY OF THE THERMAL CONDITIONS IN THE RIVER ISAR FROM THE MOUTH OF THE LOISACH TO THE DANUBE TO HELP IN SITUATING FUTURE POWER PLANTS. THE STATE LEGISLATURE HAD RECOMMENDED SUCH A STUDY IN 1973. THE ISAR IS CURRENTLY POLLUTED BY HEAT FROM TWO STEAM POWER PLANTS IN MUNICH AND A THERMAL PLANT NEAR ZOLLING. A NUCLEAR POWER PLANT IN CONSTRUCTION NEAR THE VILLAGE OF OHU HAS A RECOOLING INSTALLATION TO PREVENT FURTHER THERMAL POLLUTION OF THE RIVER. THE REPORT STATES THAT THERE IS NO SUITABLE LOCATION FOR A THERMAL POWER PLANT WITH WATER COOLING ABOVE THE LOISACH MOUTH AND THAT ONLY PLANTS WITH RECOOLING FACILITIES ARE ADVISABLE BELOW THE LOISACH MOUTH. IT RECOMMENDS THAT IN THE FUTURE ALL POSSIBLE MEANS BE TAKEN TO USE WATER EFFICIENTLY, TO RECOOL HEATED COOLING WATER, AND TO UTILIZE THE EXCESS HEAT PRODUCED IN POWER PLANTS.

INDIA "MARCH 23, 1974 WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, NO. 6." LUCKNOW LAW TIMES, VOL. 15, (1974)

LR(A) ENGLISH 00/00/75 PGS 56-83 EPA ID# 03453A
ALSO PMB

THIS ACT SETS UP THE COMPREHENSIVE ADMINISTRATIVE AND LEGAL STRUCTURE FOR THE CONTROL OF WATER POLLUTION IN CERTAIN SPECIFIED INDIAN STATES AND TERRITORIES AND IN ANY OTHER INDIAN STATE WHICH ADOPTS THIS ACT BY RESOLUTION. CHAPTER I SETS COMMENCEMENT DATES AND DEFINES RELEVANT TERMS. CHAPTERS II AND III PROVIDE FOR THE ESTABLISHMENT OF A CENTRAL BOARD AS WELL AS OF STATE AND JOINT WATER POLLUTION PREVENTION AND CONTROL BOARDS AND SET FORTH MEMBERSHIP REQUIREMENTS, INTERNAL PROCEEDINGS, AND RULES OF ORDER FOR THESE BOARDS. CHAPTER IV DELINEATES THE POWER AND FUNCTIONS OF BOARDS IN RELATION TO EACH OTHER AND CENTRAL AND STATE GOVERNMENTS. ENFORCEMENT AND LEGAL MECHANISMS FOR POLLUTION CONTROL DESCRIBED IN CHAPTER V INCLUDE POWERS TO OBTAIN INFORMATION, INSPECTION AND MONITORING, PROHIBITION OF DISCHARGES, COURT ACTIONS, AND APPEALS. CHAPTER VI PROVIDES FOR BOARD FINANCING AND FOR REPORTS APPLICABLE TO ADMINISTERING THE ACT, CHAPTER VII LISTS PENALTIES, AND CHAPTER VIII CONTAINS MISCELLANEOUS PROVISIONS.

INTERNATIONAL "COLOMBIA AND VENEZUELA AGREE ON MEASURES TO PREVENT THE SALE OF PROHIBITED PESTICIDES." EL UNIVERSAL

LR(B) SPANISH 11/09/75 PGS 2/5 EPA ID# 03430A
ALSO PMB
*PESTICIDES TOXIC SUBS

INTERNATIONAL

FEB. 15, 1972 CONVENTION FOR THE PREVENTION OF MARINE POLLUTION BY DUMPING FROM SHIPS AND AIRCRAFT

LR(A) ENGLISH 02/15/72 PGS 1-17 EPA ID# 03473A
ALSO IN FRENCH

THE CONTRACTING PARTIES TO THIS CONVENTION, AGREED UPON IN OSLO ON FEBRUARY 15, 1972, PLEDGE THEMSELVES TO TAKE ALL POSSIBLE STEPS TO PREVENT THE POLLUTION OF THE SEA BY SUBSTANCES THAT ARE LIABLE TO CREATE HAZARDS TO HUMAN HEALTH, TO HARM LIVING RESOURCES AND MARINE LIFE, TO DAMAGE AMENITIES, OR TO INTERFERE WITH OTHER LEGITIMATE USES OF THE SEA. LISTS OF PROHIBITED SUBSTANCES AND OF SUBSTANCES FOR WHICH A SPECIAL PERMIT BY THE APPROPRIATE NATIONAL AUTHORITIES MUST BE GRANTED, AS WELL AS PROVISIONS GOVERNING THE ISSUE OF PERMITS AND APPROVALS FOR THE DUMPING OF WASTES AT SEA, INCLUDING THE CHARACTERISTICS OF THE WASTE AND THE DUMPING SITE, METHODS OF DEPOSIT, AND GENERAL CONSIDERATIONS AND CONDITIONS, ARE APPENDED. THE FOLLOWING COUNTRIES HAVE RATIFIED THE CONVENTION: DENMARK, FRANCE, ICELAND, THE NETHERLANDS, NORWAY, SPAIN, GREAT BRITAIN AND NORTHERN IRELAND, AND SWEDEN. (THE TREATY IS REPRINTED IN DANISH AS WELL AS IN ENGLISH AND FRENCH IN THE LOVTIDENDE FOR KONGERIGET DANMARK, NO. 34, MARCH 26, 1974.)

JAPAN

ENVIRONMENTAL RESEARCH IN JAPAN, 1973
JAPAN. ENVIRONMENT AGENCY, COMP.
ST( ) JAPANESE* 00/00/74 PGS 1-776 EPA ID# 03445A
ALSO PMB/*ENGLISH SUMMARIES
*AIR TOXIC SUBS NOISE SOLID WASTE PESTICIDES

JAPAN

"METHOD OF TREATING WASTEWATER CONTAINING HEAVY METALS." ENVIRONMENT CANADA TRANSLATION DOENV TR-928
NOZAKI, MASASHI
ST( ) ENGLISH 00/00/75 PGS 1-8 EPA ID# 03461A

A NEW PROCESS FOR THE REMOVAL OF HEAVY METALS FROM THE WASTEWATERS OF METAL REFINING OPERATIONS IS DESCRIBED. THE REMOVAL METHOD INVOLVES THE ADDITION OF AN ALKALI SUCH AS SLAKED LIME TO THE WASTEWATERS FOR AN ADJUSTMENT OF THE PH TO 8-8.6, THEREBY TRANSFORMING MOST OF THE HEAVY METALS TO HYDROXIDE PRECIPITATES. A SECOND STEP OF THE PROCESS CONSISTS OF THE INTRODUCTION OF CARBON DIOXIDE-CONTAINING GAS TO THE WASTEWATER FOR A COMPLETE REMOVAL OF THE HEAVY METALS. RESULTS OF ANALYSES ARE PROVIDED AS PRACTICAL EXAMPLES OF THE METHOD. (THE JAPANESE ORIGINAL APPEARS IN TOKKEN KOHO SHO-49-8539, FEBRUARY 27, 1974, PP 95-96.)

MEXICO

"FINES AGAINST TWO ENTERPRISES FOR VIOLATION OF THE FEDERAL WATER LAW." EXCELSIOR

LR(B) SPANISH 01/21/76 PGS 14A EPA ID# 03424A

FINES FOR VIOLATIONS OF MEXICAN WATER PROTECTION LAWS HAVE BEEN LEVIED BY THE MEXICAN SECRETARIAT OF WATER RESOURCES AGAINST TWO MINING ENTERPRISES IN THE STATE OF AGUASCALIENTES, ACCORDING TO THIS BRIEF ARTICLE. THESE ARE THE FIRST FINES TO BE LEVIED IN THE HISTORY OF THE MEXICAN FEDERAL WATER LAW, THE LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION (1971), OR THE REGULATIONS FOR THE PREVENTION AND CONTROL OF WATER POLLUTION (1973). AN ENTERPRISE IN TEPEZALA WAS FINED 10,000 PESOS FOR THE UNAUTHORIZED POLLUTING OF THE ZAMORA WATERCOURSE, AND AN ENTERPRISE IN ASIENTOS WAS FINED 13,000 PESOS FOR THE UNAUTHORIZED POLLUTING OF THE ALTAMIRA WATERCOURSE.

OECD

"ENVIRONMENTAL POLLUTION BY THE PULP AND PAPER INDUSTRY." ENVIRONMENT CANADA TRANSLATION OOENV-914
PLOETZ, TH.

PM(B) ENGLISH 00/00/75 PGS 1-20 EPA ID# 03411A
ALSO SE
AIR SOLID WASTE

THE STUDY GROUP "POLLUTION BY THE PULP AND PAPER INDUSTRY," COMMISSIONED BY THE OECD, HAS PRODUCED DATA WHICH PROVIDE A COMPREHENSIVE SURVEY OF RELEVANT FACTS PERTAINING TO THE ENVIRONMENTAL SITUATION IN THE MEMBER STATES. THIS REPORT, BASED ON THE 1970 OECD RESULTS, EXAMINES THE POLLUTING EFFLUENT LOAD, AS WELL AS THE TECHNOLOGICAL AND FINANCIAL EXPENDITURE NECESSARY FOR ITS REDUCTION. ALSO INCLUDED IN THE REPORT IS A PRODUCTION DEVELOPMENT FORECAST ENCOMPASSING A WIDE RANGE OF PRODUCTS FOR THE YEARS 1975 AND 1980. FINALLY, THE COST OF EXPECTED ENVIRONMENTAL PROTECTION MEASURES IS CALCULATED FOR 1975 AND 1980 AND A COST EFFECT COMPARISON AS WELL AS A SURVEY ON COST DEVISION BETWEEN INDUSTRY AND PUBLIC INSTITUTIONS IS GIVEN FOR THE INDIVIDUAL COUNTRIES. (THE GERMAN-LANGUAGE ORIGINAL OF THIS ARTICLE APPEARS IN PAPIER, VOL. 27, NO. 5, 1973, PP 181-187.)

PORTUGAL

SPILL IN PORTUGAL: A REPORT OF THE JAKOB MAERSK INCIDENT. ENVIRONMENT CANADA ENVIRONMENTAL IMPACT AND ASSESSMENT REPORT EPS-8-EC-76-1
DUERDEN, F.C.

PM(B) ENGLISH 09/00/75 PGS 1-32 EPA ID# 03423A

IN LATE JANUARY 1975, THE 88,000 DWT TANKER JAKOB MAERSK GROUNDED WHILE ENTERING THE PORT OF LEIXOES IN NORTHERN PORTUGAL. PART OF HER CARGO BURNED, PART OF IT ESCAPED TO SEA, AND THE REMAINDER POLLUTED THE SHORELINE. THIS REPORT PROVIDES A DESCRIPTION OF THE INCIDENT AND SUBSEQUENT CLEANUP OPERATIONS BY AN ON-THE-SCENE REPRESENTATIVE OF THE CANADIAN ENVIRONMENTAL PROTECTION SERVICE. DISCUSSED BY THE AUTHOR ARE: THE ECOLOGICAL IMPACT OF THE SPILL, THE CONTAINMENT AND CLEANUP OF OIL ON THE WATER, AND THE CLEANUP OF OIL ON THE BEACHES. THE PERSONAL OBSERVATIONS AND CONCLUSIONS OF THE AUTHOR ARE APPENDED TO THE REPORT AS A REFERENCE IN THE EVENT OF A SPILL IN CANADIAN WATERS.

SWITZERLAND

"APRIL 20, 1972 AGREEMENT BETWEEN SWITZERLAND AND ITALY ON THE PROTECTION OF SWISS-ITALIAN WATERS AGAINST POLLUTION." PUBLICATION 11442

LR(A)

GERMAN 00/00/72 PGS 1-9 EPA ID# 03435A

THIS SWISS PUBLICATION CONTAINS THE AGREEMENT BETWEEN SWITZERLAND AND ITALY ON THE PROTECTION OF SWISS-ITALIAN WATERS AGAINST POLLUTION, PLUS THE MESSAGE OF THE FEDERAL COUNCIL TO THE FEDERAL ASSEMBLY REGARDING THE AGREEMENT AND THE DECREE OF THE FEDERAL ASSEMBLY ON THE AGREEMENT. THE LATTER TWO DOCUMENTS WERE NECESSARY TO ALLOW RATIFICATION OF THE AGREEMENT BY THE SWISS GOVERNMENT. THE MESSAGE OF THE FEDERAL COUNCIL CONTAINS INFORMATION ABOUT PREVIOUS COOPERATION IN POLLUTION CONTROL BETWEEN THE TWO COUNTRIES AND SUMMARIZES MAJOR PROVISIONS OF THE AGREEMENT. THE AGREEMENT APPLIES TO ENUMERATED SURFACE AND GROUNDWATERS, INCLUDING LAKE MAGGIORE AND LAKE LUGANO AND WATERCOURSES ALONG OR CROSSING THE BORDER. IT PROVIDES FOR FORMATION OF THE MIXED COMMISSION FOR PROTECTION OF SWISS-ITALIAN WATERS TO STUDY POLLUTION PROBLEMS; INVESTIGATE THE SOURCE, NATURE AND SIGNIFICANCE OF POLLUTION; AND SUGGEST MEANS TO REMOVE PRESENT AND PREVENT FUTURE POLLUTION.

SWITZERLAND

SCHWEIZERISCHES UMWELTSCHUTZRECHT (SWISS ENVIRONMENTAL PROTECTION LAW) MUELLER-STAHEL, HANS-ULRICH, ED.

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SWITZERLAND

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